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**Unique** Veterinary Products  
Productos Veterinarios de **Clase Única**



# Vademecum



A herd of cattle is grazing in a field during sunset. The sun is low on the horizon, creating a warm, golden glow over the scene. The cattle are of various breeds, including some with horns. The background shows a line of trees silhouetted against the bright sky.

# Agrovet Market Animal Health

We are a Peruvian company focused on the development, production and commercialization of veterinary products, driving its technical and creative development to meet the needs of veterinarians and stock farmers with unique products of high quality.

[www.agrovetmarket.com](http://www.agrovetmarket.com)



A man wearing a blue baseball cap and a red and blue plaid shirt is kneeling in a field of dry straw. He is holding a small piece of straw in his hands, feeding it to a black and white cow. Several other cows are visible in the background, some standing and some lying down. In the foreground, there are two metal buckets. The background shows a white building with a corrugated metal roof under a blue sky with scattered clouds.


# Mission | Products of Unique Class


Provide veterinary, nutritional and farmaceutical products of unique class; developed in a creative and innovative way, under high standards of quality that allow us to reach international markets and consolidate locally through the formal stablishment of strategical alliances.






# Antibiotics

Line of large animals 

Line of companion animals 

Line of poultry and swine 



## Antibiotics

### Agrogenta® 11 | Vetigen 11 Injectable Solution

Broad-spectrum aminoglycoside

**Composition:** Gentamicin (as sulphate) 110 mg, excipients q.s. ad 1 mL.

**Indications:** Treatment and prevention of infections caused by microorganisms sensitive to gentamicin (of the urogenital, respiratory and gastrointestinal systems). Also useful in cases of mastitis, metritis, post-operative and cutaneous infections, septicemias, among others..

**Dosage and Administration:** Cattle, horse, sheep, goat, swine, camelid: 1 mL/27.5 kg of b.w.; young animals, dogs and cats: 1 mL/14 kg; poultry: 0.1 mL/1.4 kg; every 24 hours for 3 to 5 consecutive days by subcutaneous or intramuscular route.

Intrauterine or intra-mammary route: Cows: 2 mL diluted in 20 mL of physiological saline solution for 3 to 5 days. Mares: 20 mL diluted in 200 - 500 mL of physiological saline solution for 3 to 5 days (only intrauterine route).

**Commercial Presentation:** Bottle x 100 mL and 250 mL.



### Agromycin 11 Injectable Solution

Broad-spectrum antibiotic

**Composition:** Oxytetracycline hydrochloride 121 mg, excipients q.s. ad 1 mL.

**Indications:** Treatment and prevention of infections caused by microorganisms sensitive to oxytetracycline (local and general) in all animal species. It is the antibiotic of choice when the germ that causes the disease is unknown.

**Dosage and Administration:** Cattle, horse, camelids: 3 - 4 mL/110 kg; calves, sheep, swine: 2 - 3 mL/55 kg; dogs, cats and piglets: 0.15 - 0.25 mL/2.5 kg. Apply through intramuscular or subcutaneous route.

**Commercial Presentation:** Bottle x 100 mL and 500 mL.



### Agromycin 20 L.A. Injectable Solution

Powerful long-acting antibiotic

**Composition:** Oxytetracycline (as dihydrate) 200 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment of local and systemic infectious processes, bronchopneumonia, mastitis, bacterial enteritis, arthritis, osteoarthritis. Urinary tract infections, prostatitis, dermatitis, pododermatitis, keratoconjunctivitis, clamidiosis, anaplasmosis, carbuncle, atrophic rhinitis, leptospirosis, pasteurellosis, actinomycosis, actinobacillosis, nocardiosis, eperythrozoonosis, haemobartonellosis, etc.

**Dosage and Administration:** Cattle, swine, sheep, goats, camelids: 1 mL/10 kg as an unique injection; poultry: 0.25 mL/ kg only through subcutaneous route; animals with less than 1 kg of weight should be administered with 0.25 mL as the total amount. Apply through deep intramuscular or subcutaneous route.

**Commercial Presentation:** Bottle x 100 mL and 250 mL.





## Agroso<sup>®</sup> Injectable Solution

Anti-inflammatory - antibiotic combination

**Composition:** Oxytetracycline hydrochloride 55 mg, Dexamethasone 21 phosphate 0.5 mg; excipients q.s. ad 1 mL.

**Indications:** For the treatment and prevention of infections caused by Gram-positive, Gram-negative microorganisms and spirochetes sensitive to oxytetracycline (local and generalized infections). The addition of dexamethasone promotes anti-inflammatory, antiallergic, anti-stress and gluconeogenic effects.

**Dosage and Administration:** Cattle, horses, swine, camels, sheep and goats: 1 mL/10 kg of b.w.; dogs, cats and rabbits: 1 mL/5 kg of b.w.; poultry: 0.5 mL/kg of b.w. Apply through intramuscular, subcutaneous and slow intravenous route.

**Commercial Presentation:** Bottle x 50 mL, 100 mL and 500 mL.



## Amoxigentin<sup>®</sup> Injectable Suspension

Broad-spectrum synergistic antibiotic combination

**Composition:** Amoxicillin (as trihydrate) 150 mg, Gentamicin (as sulphate) 40 mg, excipients c.s. ad 1 mL.

**Indications:** For the treatment of enteritis (produced by *E. coli*, *Salmonella* spp., *Clostridium* spp.), infections caused by *Streptococcus* spp., such as arthritis and meningitis, ear necrosis, urinary tract infections (nephritis, urethritis, cystitis, etc.), respiratory diseases (pneumonia, bronchitis, etc.), systemic infection and prevention of secondary bacterial infections.

**Dosage and Administration:** 1 mL/10 kg of b.w. per day during 3 days or at the discretion of the veterinarian. Apply through deep intramuscular route.

**Commercial Presentation:** Bottle x 100 mL and 50 mL.



## Amoxi-Tabs C<sup>®</sup>-250 Oral Tablet

Broad-spectrum antibiotic with bacterial resistance inhibitor

**Composition:** Amoxicillin base 200 mg, Clavulanic acid 50 mg; excipients q.s. ad 1 tablet.

**Indications:** For the treatment of periodontal infections caused by susceptible strains (aerobic and anaerobic bacterias). Appropriate for skin and soft tissues infections caused by susceptible species of *Staphylococcus* spp., *E. coli*, *Pasteurella* spp. and *Streptococcus* spp. Treatment of respiratory and urinary tract infections, including those caused by susceptible species of *E. coli*. Osteomyelitis treatment and other bacterial complications susceptible to amoxicillin.

**Dosage and Administration:** 1 tablet/16 kg every 8 - 12 hours for at least 3 days. Urinary tract infections must be treated by 14 days or more. Deep pyoderma can require treatment for 21 days. The treatment in any case must not exceed 30 days. Administer orally.

**Commercial Presentation:** Box x 10 and 50 tablets.





## Antibiotics

### Amoxycol® IS Injectable Suspension

Potent Combination Antibiotic Betalactamic - Polypeptide of Wide Spectrum

**Composition:** Each mL contains: Amoxicillin (as trihydrate) 100 mg. Colistin sulfate 250,000 IU. Excipients q.s.ad 1 mL.

**Indications:** Treatment and prevention of infections caused by germs sensitive to amoxicillin and/or colistin. These include infections of the respiratory, gastrointestinal, urogenital and skin and soft tissue infections and prevention of secondary bacterial infections.

**Dosage and Administration:** Intramuscular route. Large animals and dogs: 1 mL/10 Kg (10 mg Amoxicillin/Kg and 25 000 IU/kg colistin) per day (this dose can be administered in a single dose or divided into two applications per day) for 3-5 days. Birds: 0.2 mL/kg for 3 days.

**Commercial Presentation:** Flask of 100 and 250 mL.



### Amoxycol® WS Water Soluble

Powerful broad-spectrum beta-lactam-polypeptide antibiotic combination

**Composition:** Each 100 g contains: Amoxicillin 20 g, Colistin (as sulphate) 4 g (equivalent to 120 000 000 IU), excipients q.s. ad 100 g.

**Indications:** For the treatment and prevention of infections caused by germs sensitive to amoxicillin and/or colistin: infections of respiratory, digestive and urogenital systems, and infections of skin and soft tissues, as well as secondary bacterial infections.

**Dosage and Administration:** Poultry: Preventive: 1 kg/2000 L of water (or in 1000 kg of feed) for 3 - 5 days. Treatment: 1 kg/1500 - 2000 L of water (or in 750 - 1000 kg of feed) for 3 - 5 days. Swine: Preventive: 1 kg/1500 L of water (or in 750 kg of feed) for 3 - 5 days. Treatment: 1 kg/1000 - 1500 L of water (or in 500 - 750 kg of feed) for 3 - 5 days. Individual: 1 - 2 g/10 kg of body weight.

**Commercial Presentation:** 15 g, 100 g, 1 kg and 10 kg.

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### Aureomycin® G200 Px |

### Aureocyclin® G200 Px Premix

Broad-spectrum tetracyclenic antibiotic

**Composition:** Each 100 g contains: Chlortetracycline 20 g; excipients q.s. ad 100 g.

**Indications:** Poultry: Treatment of respiratory and digestive diseases such as CRD, mycoplasmosis, colibacillosis, among others. Pigs: Treatment of atrophic rhinitis, leptospirosis and pneumonias caused by pneumococci.

**Dosage and Administration:** Poultry: 10-60 mg of chlortetracycline/kg of body weight. Promoter: 250-500 g /MT (50-100 ppm of chlortetracycline) continuously. Preventive: 500 g-1 kg /MT (100-200 ppm of chlortetracycline) for 14 days and/or during the risk period. Therapeutic: 1-3 kg/MT (200-600 ppm of chlortetracycline) for 7 days. Swine: 5-20 mg of chlortetracycline/kg of body weight. Promoter: 250-300 g /MT (50-60 ppm of chlortetracycline) continuously. Preventive: 500 g-1 kg/MT (100-200 ppm of chlortetracycline) for 14 days and/or during the risk period. Therapeutic: 1-2 kg /MT (200-400 ppm of chlortetracycline) for 7 days.

**Commercial Presentation:** 25 Kg.



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## Biosporine 3<sup>®</sup> Otic Cream - Dermal

Triple Topical Broad Spectrum Antibiotic Association

**Composition:** Each 30 g contains: Neomycin Sulfate 1.3161 mg, Polymyxin B Sulfate 0.18 mg, Zinc Bacitracin 1.62 mg Excipients c.s.p 30 g.

**Indications:** Treatment of wounds, bacterial infections (Gram + and Gram-) of the skin and ears -caused by sensitive germs- in domestic animals. Indicated for: exudative, eczematous, seborrheic or contact dermatitis, intertrigo or other pyoderma, lacerations, abrasions, surgical wounds, adjuvant treatment in cases of allergic dermatitis due to fleas, dermatosis and alopecia, otitis externa (acute or chronic), infections of the paranal gland in canines.

**Dosage and Administration:** Topical route on the skin, mucous membranes, wounds or within the ear canal or paranal glands. In dermal conditions: clean and dry the application area. Apply a small amount and distribute evenly. Otic conditions: clean, use the plastic cannula and apply in the ear canal until the affected area is completed and massaged. Infected paranal gland or cystic areas: drain, clean and fill using the cannula if necessary. The frequency and duration of treatment will depend on the severity of the injury and the criteria of the Veterinarian. In most cases 1 - 4 times / day. The duration can vary between 2 to 6 weeks.

**Commercial Presentation:** 15 and 30 g.

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## Cefaject<sup>®</sup> Injectable Suspension

Cephalosporinic antibiotic with no withdrawal time in milk

**Composition:** Ceftiofur (as hydrochloride) 50 mg, excipients q.s. ad 1 mL.

**Indications:** Beta-lactamic third generation broad-spectrum cephalosporinic antibiotic. It is active against Gram-positive and Gram-negative bacteria, including bacterial strains that produce beta-lactamase (penicillinase). Effective treatment in cases of respiratory diseases, interdigital necrobacillosis, calves diarrhea, acute and chronic mastitis, genitourinary and eye infection.

**Dosage and Administration:** Cattle: 1 - 2.2 mL/50 kg of b.w.; swine: 0.6 - 1 mL/10 kg of b.w.; sheep, goats and camelids: 0.22 - 0.44 mL/10 kg of b.w. The treatment should be repeated at intervals of 24 hours for 3 consecutive days (up to 5 days in cases of metritis). Apply through deep intramuscular route.

**Commercial Presentation:** Bottle x 100 mL and 250 mL.



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## Cefa-Milk<sup>®</sup> Intramammary Suspension

Antibiotic infusion for lactating cows

**Composition:** Cephalixin monohydrate 20 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment of mastitis in cattle, sheep and goats in milk production, caused by germs that are sensitive to cephalixin. It must be used at the first signs of inflammation or at the first indication of any alteration in the milk. The exclusive Duo Cap<sup>®</sup> system offers the possibility of a deep application or administration near the nipple sphincter.

**Dosage and Administration:** Cattle: 1 syringe/affected quarter every 12 - 24 hours during 2 days or until complete recovery; sheep and goats: 1/2 syringe/affected quarter every 12 - 24 hours for 2 days or until complete recovery. Apply through intramammary infusion.

**Commercial Presentation:** Plastic container x 48 syringes of 10 mL.



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## Antibiotics

### Cefa-Milk® Forte Intramammary Suspension

Antibiotic - anti-inflammatory infusion for lactating cows

**Composition:** Cephalexin monohydrate 20 mg, Gentamicin sulphate (base) 10 mg, Dexamethasone 21 phosphate 0.075 mg, Vitamin A 1000 IU, excipients q.s. ad 1 mL.

**Indications:** For the treatment of mastitis in cattle, sheep and goats in milk production, caused by germs that are sensitive to cephalexin and/or gentamicin. It has a powerful anti-inflammatory action and it is supplemented with vitamin A which works as an epithelial regenerator of the mammary gland. The exclusive Duo Cap® system offers the possibility of performing a deep application or an administration near the nipple sphincter.

**Dosage and Administration:** Cattle: 1 syringe/affected quarter every 12 - 24 hours for 2 days or until complete recovery; sheep and goats: 1/2 syringe/affected quarter every 12 - 24 hours for 2 days for until complete recovery. Apply through intramammary infusion.

**Commercial Presentation:** Plastic container x 24 syringes of 10 mL.



### Cefa-Sec® Intramammary Suspension

Antibiotic infusion for dry cows

**Composition:** Cephalexin monohydrate 20 mg, Neomycin sulphate 34 mg, Cloxacillin benzathine 50 mg, Vitamin A 1 000 IU, excipients q.s. ad 1 mL.

**Indications:** For the treatment of subclinical infections and in routine prevention of mastitis in cattle at the beginning of the dry period. It is supplemented with vitamin A which works as an epithelial regenerator of the mammary gland. The exclusive Duo Cap® system offers the possibility of a deep application or the administration near the nipple sphincter.

**Dosage Administration:** Cattle: 1 syringe/quarter at the last milking of the lactation period. Apply through intramammary infusion.

**Commercial Presentation:** Plastic container x 24 syringes of 10 mL.



### Cefoxi-Tabs® C Oral Tablet

Last generation cephalosporin antibiotic with bacterial resistance inhibitor and long half-life

**Composition:** Cefpodoxime proxetil (equivalent to cefpodoxime 100 mg) 135 mg, diluted potassium clavulanate (equivalent to clavulanic acid 62.5 mg) 152.86 mg, excipients q.s.ad. 1 tablet.

**Indications:** For the treatment and prevention of skin infections (wounds, abscesses and pyoderma) and of soft tissue; pneumonias, bronchitis, sinusitis, pharyngitis, tonsillitis, otitis media and other infections of the upper and lower respiratory tract; infections of the genitourinary tract, as well as other infections caused by germs sensitive to the association, mainly strains of *Staphylococcus intermedius*, *Staphylococcus aureus* resistant to penicillin, *Streptococcus canis*, (group G, B hemolytic), *Escherichia coli*, *Pasteurella multocida* and *Proteus mirabilis*, among others.

**Dosage Administration:** Oral route. Dogs: 1 tablet per 10-20 kg (5-10 mg cefpodoxime/kg) every 24 hours for 7 days or up to 3 days after the remission of clinical symptoms. Cats: 1/2 tablet/10 kg every 12 hours or 1/2 tablet/5 kg every 24 hours up to 3 days after the resolution of the disorder. These treatments and their duration are only suggestions, so the prescription is left to the discretion of the treating Veterinarian, but the length should never be less than 3 days.

**Commercial Presentation:** Box of 30 tablets.





## Cefquinox® Injectable Suspension

Broad-spectrum antibiotic

**Composition:** Cefquinome sulphate 25 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment of bacterial infections caused by sensitive Gram-positive and Gram-negative microorganisms. In cattle, for the treatment of respiratory diseases, digital dermatitis and acute mastitis caused by *E. coli*. In pigs, for the treatment of lung and respiratory tract bacterial infections, Mastitis-Metritis-Agalactia syndrome (MMA) and meningitis in piglets.

**Dosage and Administration:** Cattle: 2 mL/50 kg of b.w.; calves 4 mL/50 kg of b.w.; pigs and piglets: 2 mL/25 kg of b.w. every 24 hours for 3 to 5 days. Apply through intramuscular route.

**Commercial Presentation:** Bottle x 100 mL and 250 mL.



## Ceftiodure® 100 L.A. Injectable Suspension

Extra long-acting antibiotic, up to 7 days of effectiveness with one single dose - With zero residues in milk

**Composition:** Ceftiofur (as free acid) 100 mg, excipients q.s. ad 1 mL.

**Indications:** Extra long-acting and broad-spectrum cephalosporinic antibiotic, effective against Gram-positive and Gram-negative bacteria including strains that produce B-lactamases. Effective for the treatment of respiratory diseases (BRD, shipping fever pneumonia) and interdigital necrobacillosis in dairy cattle. In pigs, for the treatment of respiratory diseases associated with *Actinobacillus*, *Pasteurella*, *Haemophilus*, and septicaemia processes, polyarthritis or polyserositis. In horses, for the treatment of the lower respiratory tract infections caused by susceptible strains of *Streptococcus equi*.

**Dosage and Administration:** Pigs: 1 mL/40 kg of b.w. single dose, intramuscular route in the post auricular region of the neck; cattle: 1 mL/30 kg of b.w. single dose, subcutaneous route in the base of the ear (back dorsal rear of the ear where the head is connected); horses: 1 mL/30 kg of b.w. Apply through intramuscular route.

**Commercial Presentation:** Bottle x 100 mL and 250 mL.



## Ceftiofen® Injectable Suspension

Non steroidal anti-inflammatory and antibiotic association - With zero residues en milk

**Composition:** Ceftiofur HCl 50 mg, Ketoprofen 150 mg, excipients q.s. ad 1 mL.

**Indications:** For all the infections caused by microorganisms sensitive to ceftiofur along with inflammatory reaction. For the treatment of acute and chronic laminitis, acute infectious mastitis, dystocia and respiratory diseases. It can also be used in the immediate postoperative (C-sections and other surgeries, such as dehorning of older calves).

**Dosage and Administration:** Cattle, sheep, goats and camelids: 1 mL/50 kg every 24 hours for 3 - 5 consecutive days; pigs: 1 mL/17 kg every 24 hours for 3 consecutive days. Apply through intramuscular route.

**Commercial Presentation:** Bottle x 100 mL and 250 mL.





## Antibiotics

### Cipro-Tabs® 250 Oral Tablet

Quinolone antibiotic

**Composition:** Ciprofloxacin (as hydrochloride) 250 mg, excipients q.s. ad 1 tablet.

**Indications:** For the treatment of local and systemic infections caused by bacteria sensitive to ciprofloxacin: complicated or chronic infections of the urinary tract, prostatitis, lower respiratory tract infections, intestinal infections, diarrhea, skin infections and injuries, arthritis, meningitis, among others.

**Dosage and Administration:** 1 tablet/25 kg of b.w. each 12 hours and 1 tablet/16 kg of b.w. for more complicated problems. Administer orally.

**Commercial Presentation:** Bottle x 30 tablets.



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### Coliflox® OS Oral Solution

Additive Antibiotic Combination Fluoroquinolone- Broad Spectrum Polypeptide

**Composition:** Each 100 mL contain: Enrofloxacin 10 g; Colistin sulfate 120,000,000 IU excipients c.s.p. 100 mL.

**Indications:** Treatment of intestinal, respiratory, urinary tract and systemic diseases caused by germs sensitive to enrofloxacin and colistin sulfate: chronic respiratory disease, aerosaculitis, synovitis, colibacillosis, pasteurellosis, salmonellosis, campylobacteriosis, mycoplasmosis, cholera, bordetellosis, coryza, erysipelas, chlamydiasis, necrotic enteritis, Glässer disease, secondary infections associated with viral infections, among others.

**Dosage and Administration:** Oral route in drinking water. Poultry: 1L / 2000 L water (1 mL / 2 L); Swine: 1L / 3000 L water (1 mL / 3 L) every 24 hours for 3 to 5 days.

**Commercial Presentation:** Dropper bottle x 30 mL, Bottle x 100 mL and 1 L.

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### Colistix® C100 Px Premix

Micro-encapsulated polypeptide antibiotic for enteric infections

**Composition:** Each 100 g contains: Microencapsulated colistin (as sulphate) 10 g, excipients q.s. ad 100g (\*) each gram of Colistix C100 Px contains 3 million IU of base colistine.

**Indications:** For the treatment and prevention of enteric diseases caused by microorganisms, sensitive to colistin, and as growth promoter.

**Dosage and Administration:** Poultry: 75 000 - 100 000 IU/kg of body weight/day (up to 125 000 in serious cases), in practice: Promoter: 100 - 150 g/MT of feed, continuous. Preventive: 150 - 300 g/MT of feed during the risk period. Therapeutic: 400 - 600 g/MT of feed for 5 - 7 days. Swine: 100 000 IU/kg of body weight/day, in practice: Promoter: 200 - 300 g/MT of feed, continuous. Preventive: 400 - 600 g/MT of feed during the risk period. Therapeutic: 600 - 1000 g/MT of feed for 5 - 7 days.

**Commercial Presentation:** 20 kg.



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## Colistix® WS Water Soluble

Polypeptide antibiotic for enteric infections

**Composition:** Each 100 g contains: Colistin (as sulphate) 10 g (\*), excipients q.s ad 100 g. (\*)each gram of Colistix® WS contains 3 million IU of base colistin.

**Indications:** For the treatment and prevention of enteric diseases caused by microorganisms sensitive to colistin.

**Dosage and Administration:** Poultry: For preventive use: 100 - 200 g/1000 L of water or in 750 kg of feed, Therapeutic: 300 - 400 g/1000 L for 5 - 7 days. Swine: For preventive use : 200 - 300 g/1000 L of water (or in 500 kg of feed). Therapeutic: 300 - 500 g/1000 L for 5 - 7 days.

**Commercial Presentation:** 50 g, 100 g, 1 kg, and 10 kg.



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## Combiótico L.A. Injectable Suspension

Broad spectrum, long acting antibiotic

**Composition:** Each 100 mL of Combiótico LA contains: Penicillin G Benzathine 10 000 000 IU Penicillin G Procaine 10 000 000 IU Dihydrostreptomycin sulphate eq. base 20 g. Excipients q.s.ad 100 mL.

**Indications:** For the treatment of infectious diseases caused by germs susceptible to the action of penicillin and dihydrostreptomycin including: *Corynebacterium pyogenes*, *Erysipelothrix rhusiopathiae*, *Klebsiella pneumoniae*, *Listeria* spp., *Streptococcus* spp., *Salmonella* spp. It is also effective against the treatment of infectious diseases caused by susceptible germs: infections of the respiratory tract including pneumonia and atrophic rhinitis, listeriosis, meningitis, septicemia, mastitis, infections of the urogenital tract, enteritis associated with *Salmonella* spp.

**Dosage and Administration:** To be administered by intramuscular route. Bovine, ovine, caprine, porcine, South American camelids and equine: 1 mL per 25 kg. Canine, Feline: 1 mL per 10 kg.

**Commercial Presentation:** 20, 50, 100, 250 and 500 mL vials.



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## Combiótico L.A. SPI Sterile Powder

Synergistic Antibiotic Combination of Wide Spectrum and Long Action

**Composition:** Each mL of the reconstituted solution contains: Benzathine penicillin 2,000,000 IU Dihydrostreptomycin 2 g Excipients c.s.p. 1 mL.

**Indications:** Treatment and prevention of local or systemic infections caused by germs susceptible to penicillin and/or dihydrostreptomycin, whenever a long-acting effect is required. Effective for the treatment of infectious diseases of the respiratory tract including pneumonia and atrophic rhinitis, MMA syndrome (mastitis, metritis, agalactia), puerperal infections, clostridiosis, erysipelas, infected wounds, postoperative treatment, listeriosis, leptospirosis, peritonitis, post-operative infections, meningitis, septicemia, mastitis, skin infections, urogenital tract infections, enteritis and in the control of secondary bacterial infections of viral diseases.

**Dosage and Administration:** Intramuscular injectable route (in intramuscular and subcutaneous canines), repeat after 72 hours if necessary. Cattle, sheep, goats, horses, South American camelids and pigs: the recommended dose is 1 mL for every 10-20 kg of live weight. In young animals: Calves, lambs, foals, piglets, the dose is 1 - 2 mL / 25 kg. Canines and felines: the recommended dose is 1 - 2 mL / 25 kg of live weight.

**Commercial Presentation:** Glass vial with 3.2 g of sterile powder together with a vial with 10 mL of water for injections.



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## Antibiotics

### Coverflex® C 100 Px Premix

Micro-encapsulated enrofloxacin. Broad-spectrum antibiotic

**Composition:** Each 100 g contains: Enrofloxacin 10 g; excipients q.s. ad 100 g.

**Indications:** Poultry: For the prevention and treatment of chronic respiratory disease (CRD) and air sacculitis and infectious sinusitis caused by *Mycoplasma gallisepticum*, *Mycoplasma synoviae* and *Mycoplasma meleagridis*. Infectious coryza, avian cholera, infection of the yolk sac, necrotic enteritis (*Clostridium perfringens*) and for the control and treatment of diseases caused by *Escherichia coli*, *Salmonella* spp., *Streptococcus* spp., *Pseudomonas aeruginosa* among others. Swine: For the prevention and treatment of enteric diseases associated with *E. coli*, *Salmonella* spp., *Campylobacter* spp., *Klebsiella* spp., among others. Treatment and control of atrophic rhinitis and enzootic pneumonia associated with multiple factors.

**Dosage and Administration:** Poultry: 10 mg/kg, equivalent to 0.5 kg-1 kg of the product per 1 000 kg of feed for 3-5 days. Swine: 2.5-10 mg/kg, equivalent 0.5 kg-2 kg of the product per 1 000 kg of feed for 3-7 days.

**Commercial Presentation:** 25 kg.



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### Diflovet® 10 Injectable Solution

Third-generation fluoroquinolone antibiotic

**Composition:** Difloxacin (as hydrochloride) 100 mg, excipients s.q. ad 1 mL.

**Indications:** For the treatment and prevention of infections caused by microorganisms sensitive to difloxacin, basically of the respiratory, genitourinary and digestive tract, skin and ear canal, bovine respiratory disease, colibacillosis, salmonellosis, pneumonitis, bronchopneumonia, mycoplasmosis, dermatitis, mastitis-metritis-agalactia, rhinitis, among others.

**Dosage and Administration:** Cattle, sheep, camelids, goats and pigs: 1 mL/40 kg of b.w. for 3 to 5 days; dogs: 1 mL/20 kg in a single subcutaneous injection, followed by oral treatment of difloxacin in tablets (5 mg/kg of b.w.) for a minimum of 5 days; poultry: 0.1 mL/kg for 3 to 5 days. Apply through subcutaneous route; the intramuscular route may be used only in pigs and poultry.

**Commercial Presentation:** Bottle x 100 mL.



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### Diflovet® OS Oral Solution

Third generation fluorquinolonic antibiotic

**Composition:** Difloxacin (as hydrochloride) 100 mg, excipients s.q. ad 1 mL.

**Indications:** Poultry: For Chronic Respiratory Disease (CRD) caused by sensitive strains of *Escherichia coli* and *Mycoplasma gallisepticum* in chickens and turkeys. It is also indicated for the treatment of infections caused by *Pasteurella multocida* in turkeys. Among the susceptible agents are: *Escherichia coli*, *Mycoplasma gallisepticum*, *M. meleagridis*, *M. synoviae*, *H. paragallinarum*, *E. rhusiopathiae*, *Staphylococcus aureus*, *Chlamydia psittaci*, *Pasteurella multocida* and *Salmonella* spp.

**Dosage and Administration:** Poultry: A daily dose of 10 mg/kg of body weight, is required for at least 5 days.

**Commercial Presentation:** 30 mL, 100 mL and 1 L.



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## Doximutin® WS Soluble Powder

Powerful Additive-Synergistic Pleuromutilin-Tetracycline Antibiotic Combination

**Composition:** Each 100 g contains: Tiamulin (as fumarate) 10 g, Doxycycline (as a hyclate) 15 g Excipients c.s.p. 100g.

**Indications:** Treatment and prevention of respiratory, enteric, mixed and / or complicated diseases caused by those microorganisms that are sensitive to tiamulin and/or doxycycline, as well as secondary bacterial infections.

**Dosage and Administration:** Oral route mixed in the drinking water (or via food). Poultry: Preventive: 1 kg / 1,500 L of water (or 750 kg of food). Therapeutic: 1 kg / 1,000 -1, 500 L (or in 500-750 kg of food) for 3-5 days. Double the dose in cases of chronic respiratory disease. Pigs: Preventive: 1 Kg / 3,000 L of water (or in 1,500 kg of food). Therapeutic: 1 Kg / 2,000 - 3,000 L of water (or 1,000-1,500 kg of food) for 3-7 days.

**Commercial Presentation:** Bags x 15g, 100 g, 1 Kg, 10 Kg, 20 Kg.



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## Duramycin® 300 L.A. Injectible Solution

Sustained long-acting antibiotic

**Composition:** Oxytetracycline (as dihydrate) 300 mg, long action vehicle q.s. ad 1 mL.

**Indications:** For the treatment of infectious diseases or as prevention in animals under stress and/or at high risk of infection (in the "mass medication" as a preventive treatment against bovine respiratory disease). Systemic and local infections, bronchopneumonia, mastitis, enteritis, arthritis, metritis, urinary tract infections, pododermatitis, keratoconjunctivitis, among others.

**Dosage and Administration:** 1 mL/10 kg of b.w. for severe infections and/or long-lasting action (6 - 7 days); 1 mL/15 kg of b.w. for moderate and mild infections and/or a medium duration of activity (3 - 4 days). Apply through deep intramuscular or subcutaneous route.

**Commercial Presentation:** Bottle x 100 mL and 250 mL.



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## Enroflox® 10 Injectible Solution

Third-generation quinolone

**Composition:** Enrofloxacin 100 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment of infectious diseases caused by Gram-positive and Gram-negative bacteria and mycoplasmas sensitive to enrofloxacin, mainly of the respiratory, genitourinary and digestive tracts, ear canal and skin. Bovine respiratory disease, colibacillosis, salmonellosis, pneumonia, bronchopneumonia, mycoplasmosis, dermatitis, mastitis-metritis-agalactia, rhinitis, among others.

**Dosage and Administration:** Cattle, sheep, goats, camelids and pigs: 1 mL/20 - 40 kg of b.w. through subcutaneous or intramuscular route; horses: its use is controversial, the product is recommended at dosage of 1 mL/40 kg of b.w. only if prescribed by a veterinarian; dogs: 1 mL/20 - 40 kg of b.w. every 12 hours, through subcutaneous or intramuscular route; cats: 0.1 mL/4 kg of b.w. or 0.1 mL/2 kg, through subcutaneous or intramuscular route; poultry: 0.15 mL/kg of b.w. through intramuscular route.

**Commercial Presentation:** Bottle x 100 mL.



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## Antibiotics

### Enroflox® 20 L.A. Injectable Solution

Third-generation quinolone in a long-acting vehicle

**Composition:** Enrofloxacin 200 mg, long acting vehicle q.s. ad 1 mL.

**Indications:** For the treatment of infectious diseases caused by Gram-positive and Gram-negative bacteria and mycoplasmas sensitive to enrofloxacin, mainly of the respiratory, genitourinary and digestive tract, ear canal and skin. Bovine respiratory disease, colibacillosis, salmonellosis, pneumonia, bronchopneumonia, mycoplasmosis, dermatitis, mastitis-metritis-agalactia, rhinitis, among others. Its vehicle provides up to 72 hours of action.

**Dosage and Administration:** Cattle, sheep, goats, camelids and pigs: 1 mL/40 - 80 kg of b.w. apply through intramuscular or subcutaneous route; dogs and cats: 0.1 mL/4 - 8 kg of b.w. apply through subcutaneous or intramuscular route; poultry : 0.15 mL/2 kg of b.w. Apply through intramuscular route.

**Commercial Presentation:** Bottle x 100 mL and 250 mL.



### Enroflox® D Injectable Solution

Third-generation quinolone and powerful anti-inflammatory

**Composition:** Enrofloxacin 100 mg, Sodium diclofenac 15 mg, excipients q.s. ad 1 mL.

**Indications:** For the prevention and treatment of infectious processes caused by Gram-positive and/or Gram-negative bacterias and/or mycoplasmas, sensitive to enrofloxacin and associated to inflammatory processes, pain and/or fever, these can be systemic or local infections: respiratory, genitourinary and digestive tract infections, ear canal and skin infections, among others.

**Dosage and Administration:** Cattle, sheep, goats, camelids and pigs: 1 mL/40 kg of b.w. apply through subcutaneous route (the intramuscular route could be used in swines); dogs: 1 mL/20 kg of b.w. apply through subcutaneous route.

**Commercial Presentation:** Bottle x 100 mL.



### Enroflox® M L.A. Injectable Solution

Powerful long-acting fluorquinolone antibiotic associated with NSAID

**Composition:** Enrofloxacin 200 mg, Meloxicam 20 mg, long action vehicle q.s. ad 1 mL.

**Indications:** For the prevention and treatment of infections processes caused by Gram-positive, Gram-negative and/ or mycoplasma bacterias sensitive to enrofloxacin and associated with inflammatory processes, pain and/or fever. In case of infections of the respiratory, genital-urinary, digestive tracts, ear canal and skin infections. Helps to relief the pain and reduces the post-surgery inflammation in case of orthopedic and soft tissues surgeries.

**Dosage and Administration:** Cattle, sheep, goats and camelids: 2.5 mL/100 kg of b.w. through subcutaneous route; pigs: 2 mL/100 kg of b.w. through intramuscular route; dogs and cats: 0.1 mL/ 10 kg of b.w. apply through subcutaneous route.

**Commercial Presentation:** Bottle x 100 mL and 250 mL.





## Floxamox® 200

Injectable suspension

Powerful Synthetic Broad Spectrum Antibacterial Association - Fluoroquinolone + Aminopenicillin Persistent, Complicated and / or Multi-Resistant Infections

**Composition:** Each 100 ml contains: Amoxicillin (as amoxicillin trihydrate) 10 g, Enrofloxacin (as HCl) 10 g, Excipients c.s.p 100 mL.

**Indications:** Treatment of complicated and resistant infections of the respiratory, digestive, genitourinary, musculoskeletal, skin and soft tissue system, systemic infections and prevention of secondary bacterial infections, caused by microorganisms susceptible to enrofloxacin and/or amoxicillin.

**Dosage and Administration:** Deep intramuscular or subcutaneous route. Cattle, pigs, sheep, goats: 1-2 mL / 20 Kg / day. Canines: 0.5 mL / 5 Kg / day. The frequency and duration of the dose should be determined by the attending veterinarian.

**Commercial Presentation:** 50, 100, 250 mL.



## Liquacef® C

Powder for reconstitution

Last generation cephalosporin antibiotic with bacterial resistance inhibitor and long half-life

**Composition:** Cefpodoxime (as cefpodoxime proxetil) 10 mg, clavulanic acid (as potassium clavulanate) 6.25 mg, excipients q.s. ad. 1 mL.

**Indications:** For the treatment of infections on the skin (wounds and abscesses) and soft tissue; pneumonia, bronchitis, sinusitis, pharyngitis, tonsillitis, and other infections of the upper and lower respiratory tract; infections of the genitourinary tract as well as other infections caused by germs sensitive to cefpodoxime.

**Dosage and Administration:** Oral route. Dogs: 1 mL per 1-2 kg (5-10 mg of cefpodoxime/kg) every 24 hours for 7 days or up to 3 days after the remission of clinical symptoms. Cats: 1 mL per 2 kg (5 mg of cefpodoxime/kg) every 12 hours or 1 mL per kg (10 mg cefpodoxime/kg) every 24 hours or up to 3 days after resolution of the disorder.

**Commercial Presentation:** Bottle containing powder for 100 mL.



## Liquamox® C

Oral powder for reconstitution

Broad-spectrum beta-lactam antibiotic with bacterial resistance inhibitor

**Composition:** Amoxicillin (as amoxicillin trihydrate) 40 mg, clavulanic acid (as potassium clavulanate) 5.7 mg, excipients q.s.ad. 1 mL.

**Indications:** For the treatment of infections caused by susceptible strains (aerobic and anaerobic bacteria): periodontal, skin and soft tissue infections caused by species that are susceptible to *Staphylococcus* spp. *E. coli*, *Pasteurella* spp. and *Streptococcus* spp. Suitable for respiratory and urinary tract infections, including those caused by susceptible *E. coli* species. Treatment of osteomyelitis and other bacterial complications sensitive to amoxicillin.

**Dosage and Administration:** Oral route. Preparation: Add water to the bottle mark and shake. Let stand for 5 minutes to ensure complete dispersion. Dogs: 1 mL/2-3.5 kg every 8-12 hours for 7-28 days. Cats: 1 mL/2-3.5 kg every 8-12 hours for 5-14 days. The reconstituted suspension must be stored in refrigeration and can be used for up to 7 days.

**Commercial Presentation:** Bottle containing powder for 100 mL.



## Antibiotics

### L-Spectomix® 4.4% Px Premix

Broad-spectrum synergic antibiotic combination

**Composition:** Each 100 g contains: Lincomycin (as hydrochloride) 2.2 g, Spectinomycin (as sulphate) 2.2 g, excipients q.s. ad 100 g.

**Indications:** For the treatment, control and/or prevention of respiratory and enteric diseases caused by microorganisms sensitive to the action of lincomycin and/or spectinomycin; it increases growth rate and improves feed conversion.

**Dosage and Administration:** As promoter: 250 - 500 g/TM of feed. Preventive and/or control: 1 - 2.5 kg/TM of feed. Therapeutic: Poultry: 2.5 - 5 kg/TM of feed for 21 days. Swine: 1 - 3 kg/TM of feed for 21 days.

**Commercial Presentation:** 20 kg.



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### L-Spectomix® 8.8% Px Premix

Broad-spectrum synergic antibiotic combination in double concentration

**Composition:** Each 100 g contains: Lincomycin (as hydrochloride) 4.4 g, Spectinomycin (as sulphate) 4.4 g, excipients q.s. ad 100 g.

**Indications:** For the treatment, control and/or prevention of respiratory and enteric diseases caused by microorganisms sensitive to the action of lincomycin and/or spectinomycin, increasing growth rate and improving feed conversion.

**Dosage and Administration:** As promoter: 125 - 250 g/TM of feed. Preventive and/or control: 500 g - 1.25 kg/TM of feed. Therapeutic: Poultry: 1.25 - 2.5 kg of feed/TM for 21 days. Swine: 500 g - 1.5 kg/TM of feed for 21 days.

**Commercial Presentation:** 20 kg.

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### Marbocine® 100 Injectable solution

Third Generation Fluoroquinolonic Antibacterial and Broad Spectrum

**Composition:** Each 1 mL contains: Marbofloxacin 100 mg, Excipients c.s.p 1 mL.

**Indications:** Bovine: Treatment of respiratory infections caused by sensitive strains of Pasteurella multocida, Mannheimia haemolytica and Mycoplasma bovis. Treatment of acute mastitis caused by E. coli strains sensitive to marbofloxacin during the lactation period. Swine: Treatment of mastitis-metritis-agalactia syndrome caused by bacterial strains sensitive to marbofloxacin. Canines and felines: treatment of infections caused by bacterial strains sensitive to marbofloxacin.

**Dosage and Administration:** Injectable intramuscular, subcutaneous or intravenous route. Cattle: Pasteurella multocida, Mannheimia haemolytica: 2 ml / 25 kg pv. Mycoplasma bovis: 1 ml / 50 kg pv. Mastitis: 1 ml / 50 kg live weight. Swine: 1 ml / 50 kg live weight. Canines and felines: 0.125 ml / 6.25 kg live weight.

**Commercial Presentation:** 50, 100, 250 mL.





## Metri-Cef 3<sup>®</sup> Intrauterine Suspension

Antibiotic infusion for dairy cattle

**Composition:** Cephalixin monohydrate 20 mg, Neomycin sulphate 34 mg, Cloxacillin benzathine 50 mg, Vitamin A 1000 IU, slow release vehicle 25 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment and prevention of metritis (clinical and subclinical) and pyometra in cattle, caused by germs sensitive to any of the antibiotics of the formula. Triple antibiotic action, immediate and extended, added with vitamin A as an epithelial regenerator of the uterine wall.

**Dosage and Administration:** Cattle: 1 syringe of 30 mL/animal, which must be inserted into the uterus using the pipette attached. Apply through intrauterine infusion.

**Commercial Presentation:** Dosing syringe x 30 mL, obstetric glove and dosing pipette.



## Micromutin<sup>®</sup> C40 Px Premix

Advanced-generation microencapsulated pleuromutilin

**Composition:** Each 100 g contains: Tiamulin fumarate 40 g, excipients a.s.ad 100 g.

**Indications:** For the treatment, prevention and/or control of respiratory and enteric diseases caused by microorganisms sensitive to tiamulin.

**Dosage and Administration:** Poultry: Therapeutic: 625 – 1 250 g/MT of feed daily for 3 – 5 days. Laying: growth promoter: 25 – 50 g/MT of feed. Preventive: 75 – 125 g/MT of feed. Swine: Therapeutic: 250 – 500 g/MT of feed daily for 5 – 10 days.

**Commercial Presentation:** 1 kg and 10 kg.

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## Micromutin<sup>®</sup> C80 Px Premix

Advanced generation microencapsulated pleuromutilin in high concentration

**Composition:** Each 100 g contains: Microencapsulated Tiamulin as hydrogen fumarate 80 g, excipients q.s. ad 100 g.

**Indications:** For the treatment, prevention and/or control of respiratory and enteric diseases caused by microorganisms sensitive to tiamulin.

**Dosage and Administration:** Poultry: Therapeutic: 312.5 - 625 g/MT of feed daily for 3 - 5 days. Laying: growth promoter: 12.5 - 25 g/MT of feed. Preventive: 37.5 - 62.5 g/TM of feed. Swine: Therapeutic: 125 - 250 g/TM of feed daily for 5 - 10 days.

**Commercial Presentation:** 1 kg.



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## Antibiotics

### Micromutin® IS Injectable Solution

Advanced generation pleuromutilin – fast action

**Composition:** Each 1 mL contains: Tiamulin (as fumarate hydrogen) 10 g, excipients q.s. ad 1 mL.

**Indications:** Indicated for gastrointestinals and upper respiratory tract infections, caused by microorganisms sensitive to tiamulin, including swine dysentery caused by *Brachyspira* spp. and complicated by *Fusobacterium* spp. and bacteroid; pleuronmeumonia, enzootic pneumonia, porcine respiratory disease complex and mycoplasma arthritis.

**Dosage and Administration:** Swine: Dysentery 1 mL/10 kg. Enzootic pneumonia and mycoplasmal arthritis 1 mL/6 kg.

**Commercial Presentation:** Bottles of 50 mL, 100 mL and 250 mL.



### Neo-Pen RTU Injectable Suspension

Synergistic antibiotic combination of high activity spectrum

**Composition:** Neomycin (as sulphate) 100 mg, Penicillin G Procaine 200 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment of infectious diseases in animals, caused by sensitive bacterias to one of the antibiotic of the formula, it can be used as a first line of defense against respiratory, uterine or gastrointestinals infections, mastitis, poli (arthritis) and secondary bacterial infections. Its action has been demonstrated against isolated test strains of *Erysipelothrix rhusiopathiae*, *Streptococcus* spp. and *Actinomyces pyogenes*, *Pasteurella*, *Salmonella*, *Klebsiella* and *Staphylococcus* spp.

**Dosage and Administration:** Cattle, horses, goats, sheep, camelids and pigs: 2.5 mL/50 kg; dogs and cats: 1 mL/10 kg. Repeat every 24 hours or as required until a maximum of three doses. Apply through deep intramuscular route.

**Commercial Presentation:** Bottle x 100 mL.



### Neo-Terraciclina® WS Water Soluble

Broad-spectrum and double effect antibiotic combination

**Composition:** Each 100 g contain: Oxytetracycline hydrochloride 20 g, Neomycin sulphate 20 g, excipients q.s. ad 100 g.

**Indications:** Treatment and prevention of infections caused by Gram + or Gram – germs sensitive to oxytetracycline and/or neomycin, mainly respiratory and gastrointestinal infections.

**Dosage and Administration:** By oral route mixed in drinking water or with feed. Poultry: Preventive: 250 - 500 g/1000 liters of water or 500 kg of feed. Treatment: 500 g - 1 kg/1000 liters of water or 500 kg of feed for 3 - 5 days. Swine: Preventive: 250 g/1000 liters of water or 400 kg of feed. Treatment: 500 g - 1 kg/1000 liters of water or 400 kg of feed, for 4 - 5 days.

**Commercial Presentation:** 15 g, 100 g, 1 kg, and 10 kg.



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## Optiflor® 300 Injectable Solution

Powerful broad-spectrum and long-acting antibiotic

**Composition:** Florfenicol 30 g, excipients q.s. ad 100 mL.

**Indications:** Prevention and treatment of diseases of respiratory and digestive tracts, infections of genitourinary tract, keratoconjunctivitis, pododermatitis and general infections caused by microorganisms sensitive to florfenicol.

**Dosage and Administration:** Intramuscular (IM) and subcutaneous (SC) routes are recommended. Cattle, sheep, camelids and goats: 20 mg/kg of body weight (1 mL/15 kg), IM repeat after 48 hours or 40 mg/kg of b.w. (2 mL/15 kg), SC as unique dose; pigs: 15 mg/kg of b.w. (1 mL/20 kg), IM repeat after 48 hours; dogs: 20 mg/kg of b.w. (0.6 - 1.6 mL/10 kg) IM or SC every 8 hours during 3 - 5 days; cats: 22 mg/kg of b.w. (0.2 - 0.5 mL/3 kg) IM or SC every 12 hours during 3 - 5 days.

**Commercial Presentation:** Bottle x 100 mL.



## Optiflor® OS Oral Solution

Powerful broad-spectrum antibiotic and low resistance rate to a bacterial inactivation

**Composition:** Each 100 mL contains: Florfenicol 10 g, excipients q.s. ad 100 mL.

**Indications:** Preventive and therapeutic treatment of infections due to *Mannheimia haemolytica*, *Pasteurella multocida*, *Haemophilus* spp., *Streptococcus* spp., *Actinobacillus pleuropneumoniae*, *Bordetella bronchiseptica*, *Escherichia coli*, *Clostridium* spp., *Ornithobacterium rhinotracheale*, *Staphylococcus* spp., *Proteus* spp., *Enterobacter* spp., *Shigella* spp., *Klebsiella* spp., *Lawsonia intracellularis* and *Salmonella choleraesuis* among other bacteria susceptible to florfenicol.

**Dosage and Administration:** Poultry: 20 mg/Kg for 3-5 days, in practice 1 L/1000 L water (100 mg/L). Swine: 10-20 mg/Kg for 5 days, in practice 1 L-2 L/1000 L water (100-200 mg/L).

**Commercial Presentation:** 30, 100, 250, 500 mL and 1 L.

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## Otiderma-Cef® | Bio-cortyl Otic - Dermal Suspension

Antibiotic - anti-inflammatory combination

**Composition:** Cephalexin monohydrate 20 mg, Gentamicin 10 mg, Dexamethasone sodium phosphate 0.075 mg, Vitamin A palmitate 1000 IU, excipients q.s. ad 1 mL.

**Indications:** For the treatment of acute and chronic external otitis, dermatitis, pyodermas, lacerations, abrasions or when it is necessary to reduce the inflammation and the pain. The addition of dexamethasone and vitamin A reduce the consequences of the infectious process and participate in maintaining the integrity of tissues, respectively.

**Dosage and Administration:** To treat external otitis and other inflammatory conditions of the external ear, fill the external ear canal with a sufficient quantity until the area to treat is complete. To its use in skin or mucous membranes, clean the affected area and apply a small quantity, distribute or rub smoothly. The treatment should be done 1 to 3 times a day, depending on the criteria of the veterinary doctor.

**Commercial Presentation:** Syringe x 15 mL.



## Antibiotics

### Pen Duo Strep® 250/200 Injectable Suspension

Broad-spectrum synergistic antibiotic combination

**Composition:** Penicillin G procaine 200 000 IU, Dihydrostreptomycin sulphate 250 000 IU, excipients c.s. ad 1 mL.

**Indications:** For the treatment of arthritis, mastitis and gastrointestinal, respiratory and urinary tract infections caused by microorganisms sensitive to benzylpenicillin procaine and dihydrostreptomycin.

**Dosage and Administration:** Cattle, sheep, goats, horses, camelids and pigs: 1 mL/25 kg of b.w. by intramuscular route; dogs and cats: 1 mL/10 kg of b.w. apply through intramuscular route (subcutaneous route could be used in dogs) for 3 to 5 days.

**Commercial Presentation:** Bottle x 50 mL, 100 mL, 250 mL and 500 mL.



### Pen L.A.® 15/15 Injectable suspension

Long Action Penicillanic Association

**Composition:** Each 100 mL contains: Benzathine Penicillin G 15 000 000 IU Procaine Penicillin G 15 000 000 IU Excipients c.s.p. 100 mL.

**Indications:** For the treatment and control of infections caused by those microorganisms that are sensitive to penicillin and when long-acting therapy is required. Recommended in cases of arthritis, mastitis and gastrointestinal and respiratory and urinary tract infections caused by microorganisms sensitive to penicillin such as those of the *Campylobacter*, *Clostridium*, *Corynebacterium*, *Erysipelothrix*, *Haemophilus*, *Listeria*, *Pasteurella*, *Streptococcus* and *Staphylococcus*-negative *Staphylococci* genera.

**Dosage and Administration:** Intramuscular route bovines, sheep, goats, pigs, South American camelids and horses: 1 ml per 25 kg. Canines and felines: 1 ml per 10 kg. A single injection, if necessary, repeat the treatment after 3 days.

**Commercial Presentation:** 50, 100, 250 mL.



### Pleurotil® 250 OS Oral Solution

Macrolide antibacterial with selective action in lungs

**Composition:** Each 100 mL contains: Tilmicosin 25 g, excipients q.s. ad 100 mL.

**Indications:** Poultry: respiratory infections caused by *Mycoplasma gallisepticum*, *Mycoplasma synoviae*, *Ornithobacterium rhinotracheale*, *Pasteurella multocida* and other microorganisms sensitive to tilmicosin. Swine: Treatment of respiratory infections caused by *Pasteurella multocida*, *Pasteurella haemolytica*, *Mycoplasma* spp., *Bordetella bronchiseptica*, *Staphylococcus aureus*, *Erysipelothrix rhusiopathiae*, *Klebsiella* spp., *Haemophilus parasuis*, *Salmonella* spp., *Pseudomonas* spp., and *Streptococcus* spp., among other microorganisms sensitive to tilmicosin.

**Dosage and Administration:** Poultry: 300 mL/1000 L, for 3 days. Swine: 800 mL/1000 L for 5 days (drinking water).

**Commercial Presentation:** 1 L.



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## Proxifen® 23 L.A. Injectable Solution

Long-acting antibiotic - Non steroidal anti-inflammatory combination

**Composition:** Oxytetracycline dihydrate 200 mg, Ketoprofen 30 mg, long acting vehicle q.s. ad 1 mL.

**Indications:** For the treatment and prevention of all infectious processes that occur with inflammatory reaction, pain and fever. Systemic and local infections, bronchopneumonia, mastitis, bacterial enteritis, arthritis, osteoarthritis, urinary tract infections, prostatitis, pododermatitis, keratoconjunctivitis, among others. Nonspecific bacterial and secondary to viral diseases infections.

**Dosage and Composition:** 1 mL/10 kg of b.w., in special cases, a second application 48 hours later may be required. Apply through subcutaneous or deep intramuscular route.

**Commercial Presentation:** Bottle x 100 mL and 250 mL.



## Qrex® SP Polvo Estéril

Cefalosporina de tercera generación y amplio espectro

**Composition:** Ceftiofur sodium 1 g, diluent x 20 mL.

**Indications:** Cattle: treatment of severe bacterial respiratory disease associated to *Mannheimia haemolytica*, *Pasteurella*, or *Histophilus*. Treatment of cattle with severe interdigital necrobacillosis (pododermatitis), it can be used in lactating cows. In pigs, bacterial respiratory disease associated to *Actinobacillus*, *Pasteurella* and/or *Streptococcus suis*. In sheep and goats, respiratory disease associated to *Mannheimia* and *Pasteurella*. In horses, respiratory infection associated to *Streptococcus zooepidemicus*.

**Dosage and Administration:** Cattle, sheep, goats and camelids: 1 - 2 mL/50 kg; swine: 1 mL/10 - 16 kg; horses: 2 - 4 mL/50 kg; dogs and cats: 0.1 mL/2.3 kg; 1 day old chicken: 0.08 - 0.2 mg/chicken; 1 day old turkeys: 0.17 - 0.5 mg/turkey. Apply through intramuscular or subcutaneous route.

**Commercial Presentation:** Bottle x 1 g and bottle x 20 mL of diluent.



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## Respibiotic® 48 horas Injectable Solution

Antibiotic, anti-inflammatory, mucolytic and antihistamine combination

**Composition:** Florfenicol 200 mg, Doxycycline hyclate 100 mg, Ketoprofen 20 mg, Bromhexine 5 mg, Chlorphenamine (maleate) 5 mg, excipients q.s. ad 1 mL.

**Indications:** Antibiotic association for treatment of respiratory diseases caused by bacteria susceptible to florfenicol and/or doxycycline. It has expectorant bronchopulmonary effect in association with bromhexine that acts as a mucolytic agent, exclusive use for all kinds of respiratory tract diseases. Indicated in pneumonia, bronchopneumonia, pasteurellosis, bronchitis and tracheobronchitis. It also contains ketoprofen as anti-inflammatory and chlorpheniramine as antihistaminic.

**Dosage and Administration:** 1 mL/10 kg of b.w., repeat the dose after 48 hours. Apply through deep intramuscular route.

**Commercial Presentation:** Bottle x 100 mL and 250 mL.



## Antibiotics

### Tobrasone® Sterile Ophthalmic Solution

Antibiotic Association - Specific Anti-inflammatory for Eye Processes

**Composition:** Each mL contains Tobramycin Sulfate (eq. To Tobramycin) 3 mg, Dexamethasone Sodium Phosphate (eq. To Dexamethasone Phosphate) 1 mg, excipients c.s.p. 1 mL.

**Indications:** Treatment and prevention of external infections of the eye and ocular annexes caused by germs susceptible to tobramycin and when an anti-inflammatory effect is also required.

**Dosage and Administration:** Topical ophthalmic route. In moderate ophthalmic infections: 1-2 drops every 4-6 hours for at least 5 days. In severe ophthalmic infections: 2 drops every 1-4 hours for at least 7 days.

**Commercial Presentation:** Dropper bottle x 10 mL.



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### Trisulprim® 48 Injectable suspension

Association Sulfa + High Concentration Trimethoprim

**Composition:** Each 100 mL contains: Sulfadiazine 40 g, Trimethoprim 8 g, Excipients c.s.p 100 mL.

**Indications:** Treatment and prevention of respiratory, genitourinary, gastrointestinal, septicemic, cutaneous, articular and other infectious processes, caused by pathogenic germs sensitive to the association.

**Dosage and Administration:** Injectable, intramuscular route. 1 mL / 30 kg of pv. In severe infections it can be increased to 1 mL per 20 kg of weight.

**Commercial Presentation:** 50, 100 y 250 mL.



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### Trisulprim® WS Water Soluble

Double protection bactericidal synergic association

**Composition:** Each 100 g contain: Sulfadiazine (as sodium) 42 g, Trimethoprim 8 g, excipients q.s. ad 100 g.

**Indications:** Treatment and prevention of infections caused by germs sensitives to sulfadiazine and/or trimetoprim. Infections of the digestive, respiratory and urogenital system, skin and soft tissue infections, prevention of secondary bacterial infections.

**Dosage and Administration:** By oral route mixed in drinking water or with feed. Poultry: 200 - 500 g/1000 liters of water or 500 kg of feed, every 24 hours for 5 days. Swine: 200 - 500 g of powder/1000 L of water or 500 kg of feed, every 24 hours for 7 days.

**Commercial Presentation:** 15 g, 100 g, 1 kg and 10 kg.



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## Tulamycin® T Injectable solution

Long Action Association - Semisynthetic Triamilide Macrolide Antibiotic + Nonsteroidal Anti-Inflammatory

**Composition:** Each 100 mL contains: Tulatromycin 10 g, Tolfenamic Acid 8 g, Excipients c.s.p 100 mL.

**Indications:** Treatment and prevention of infections and prevention of secondary bacterial infections, caused by microorganisms susceptible to tulathromycin, provided that an anti-inflammatory, antitoxic, analgesic and/or antipyretic action is required. Treatment and prevention of bovine respiratory disease (BRD) associated with Mannheimia haemolytica, Pasteurella multocida and Haemophilus somnus. Treatment of porcine respiratory disease (PRD) associated with Actinobacillus pleuropneumoniae, Pasteurella multocida, and Mycoplasma hyopneumoniae, among others.

**Dosage and Administration:** Intramuscular and subcutaneous injection: 1 mL / 40 kg.

**Commercial Presentation:** 50, 100 y 250 mL.



## Tygran® G100 Px Premix

10% granulated macrolide antibiotic

**Composition:** Each 100 g contains: Tylosin (phosphate) 10 g, excipients q.s. ad 100 g.

**Indications:** Poultry: Chronic respiratory disease (CRD), mycoplasmosis, air sacculitis, infectious sinusitis. Swine: Mycoplasmal pneumonia, swine dysentery, proliferative enteropathy (PPE) or ileitis.

**Dosage and Administration:** Poultry: 8-10 kg/MT of feed (CRD: 2-5 kg/MT of feed). Swine: 400 g-1 kg/MT of feed.

**Commercial Presentation:** 25 Kg.

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## Tylamox® WS Water Soluble

Broad-spectrum macrolide beta-lactam synergic-additive association

**Composition:** Each 100 g contains: Tylosin (as tartrate) 50 g, Amoxicillin (as trihydrate) 10 g, excipients q.s. ad 100 g.

**Indications:** For treatment and prevention of infections caused by germs sensitive to tylosin and/or amoxicillin: infections of the respiratory, digestive and urogenital systems, infections of the skin and soft tissues, and prevention of secondary bacterial infections.

**Dosage and Administration:** By oral route mixed with drinking water (or with feed) for 3 to 5 days: Poultry: 1 kg/2000 L of water (or in 1000 kg of feed). Preventive for mycoplasmosis and therapeutic: 1 kg/1000 L of water (or in 500 kg of feed). Swine: Preventive: 1 kg/4000 L of water (or in 2000 kg of feed). Therapeutic: 1 kg/2000 - 4000 L of water (or in 1000 - 2000 kg of feed).

**Commercial Presentation:** 15 g, 100 g, 1 kg and 10 kg.



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## Antibiotics

### Tylo-Combisone® Injectable Solution

Antibiotic, anti-inflammatory and antihistamine combination

**Composition:** Tylosin (as tartrate) 150 mg, Gentamicin sulphate 60 mg, Dexamethasone 21 phosphate 0.265 mg, Chlorphenamine maleate 7.5 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment and prevention of infections caused by tylosin and/or gentamicin sensitive microorganisms. Respiratory infections (pneumonia, bronchopneumonia), mastitis, footrot, erysipelas, endometritis, arthritis, swine dysentery, salmonellosis, septicemia and sinusitis. Genitourinary, skin, uterine and gastrointestinal infections. The dexamethasone provides an antiinflammatory, antistress and glucocorticogenic effect. The chlorphenamine, as an antihistamine, reduces allergic signs.

**Dosage and Administration:** Large animals: 1 mL/15 kg of b.w. every 24 hours for 3 consecutive days by deep intramuscular route; poultry: 1 mL/6 kg of b.w. Apply through subcutaneous or intramuscular route.

**Commercial Presentation:** Bottle x 20, 50 mL, 100 mL and 250 mL.



### Tylo-Combisone® OS Oral Solution

Powerful synergistic combination: macrolide + aminoglycoside

**Composition:** Each 100 mL contains: tilosyn 15 g, gentamicin 6 g, excipients q.s.ad 100 mL.

**Indications:** Indicated in cases of chronic respiratory disease (CRD), pneumonia, bronchopneumonia, enteritis, gastroenteritis, white diarrhea, dysentery, mycoplasmosis, arthritis, mastitis-metritis-agalactia (MMA), among others.

**Dosage and Administration:** Poultry: 1 L / 2 000 L of water, 1 to 2 times for 3 – 5 days  
Swine: 1 L / 2 000 L of water, 1 to 2 times for 3 – 5 days.

**Commercial Presentation:** 30 mL, 100 mL, 250 mL, 500 mL and 1 L.

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### Tylodox® WS Water Soluble

Broad-spectrum additive macrolide - tetracycline antibiotic association

**Composition:** Each 100 g contains: Tylosin (as tartrate) 10 g, Doxycycline (as hyclate) 10 g, excipients q.s. ad 100 g.

**Indications:** For the treatment and prevention of infections caused by germs sensitive to tylosin and/or doxycycline. Among them: infections of the respiratory, digestive and urogenital systems.

**Dosage and Administration:** Poultry and pigs: Preventive: 1 kg/2000 L of water (or in 1000 kg of feed) for 3 - 5 days. Treatment: 1 kg/1000 - 1500 L of water (or in 500 - 750 kg of feed) for 3 - 5 days.

**Commercial Presentation:** 15 g, 100 g, 1 kg and 10kg.



Avivet.





## Tylvax® C Px Premix

Advanced-generation tetracycline - macrolide synergic association

**Composition:** Each 100 g contains: Tylvalosin\* (as tartrate) 2 g, Chlortetracycline (as hydrochloride) 20 g, excipients q.s. ad 100 g. \*Acetyl-Isovaleryl tylosin.

**Indications:** For the treatment and prevention of respiratory, enteric, mixed, and/or secondary infections and to maintain weight gain.

**Dosage and Administration:** Poultry: Preventive: 1 kg/MT for 7 - 14 days. Therapeutic: 2.5 kg/MT for 7 - 10 days. Pigs: Preventive: 1 - 2.5 kg/MT for 21 days. Therapeutic: 2.5 - 4 kg/MT for 7 - 14 days.

**Commercial Presentation:** 100 g, 1 kg and 20 kg.



Avivet.



## Tylvax® Px Premix

Advanced-generation macrolide antibiotic

**Composition:** Each 100 g contains: Tylvalosin\* (as tartrate) 5 g, excipients q.s. ad 100 g. \*Acetyl-Isovaleryl tylosin

**Indications:** Treatment and prevention of respiratory and enteric diseases caused by microorganisms sensitive to tylvalosin. Poultry: Chronic respiratory disease (mycoplasmosis), necrotic enteritis, bacterial enteritis and infections by Ornithobacterium rhinotracheale. Swine: Mycoplasmal pneumonia (enzootic), ileitis, dysentery and porcine colitis.

**Dosage and Administration:** Poultry: Preventive: 400 - 1000 g/MT of feed for 7 days. Therapeutic: 1 - 2 kg/MT of feed for 7 - 10 days. Swine: Preventive: 400 - 1000 g/MT of feed for 21 days. Therapeutic: 1 - 2 kg/MT of feed for 10 to 14 days.

**Commercial Presentation:** 100 g, 1 kg and 20 kg.



Avivet.



## Tylvax® WS Water Soluble

Advanced-generation macrolide antibiotic

**Composition:** Each 100 g contains: Tylvalosin\* (as tartrate) 25 g, excipients q.s. ad 100 g. \*Acetyl-Isovaleryl tylosin

**Indications:** For the treatment and prevention of respiratory and enteric diseases caused by microorganisms sensitive to tylvalosin. Poultry: chronic respiratory disease (mycoplasmosis), necrotic enteritis, bacterial enteritis and infections by Ornithobacterium rhinotracheale. Swine: mycoplasmal pneumonia (enzootic), porcine proliferative enteropathy (ileitis), dysentery and porcine colitis.

**Dosage and Administration:** Poultry: Preventive: 80 - 100 g/200 L of water (3 first days of life) and 40 - 60 g/200 L of water (3 - 4 more days or in situations of subsequent stress). Therapeutic: 80 - 100 g/200 L of water for 3 days. Swine: Preventive: 200 g/1000 L for 3 - 4 days. Therapeutic: 200 g/1000 L of water for 5 days.

**Commercial Presentation:** 15 g, 100 g, 1 kg and 10 kg.



Avivet.



## Antibiotics

### Tylvax® OS Oral solution

Next Generation Macrolide Antibiotic

**Composition:** Each 100 mL contains: Tilvalosina (as tartrate) 10 g, excipients c.s.p 100 mL.

**Indications:** Treatment and prevention of respiratory and enteric diseases caused by Tylvalosin sensitive microorganisms, mainly: Chickens, roosters and turkeys: chronic respiratory disease (CRD), airsacculitis and infectious sinusitis caused by *Mycoplasma gallisepticum*, *Mycoplasma cynoviae* and *Mycoplasma meleagridis* (turkeys). Necrotic enteritis associated with *Clostridium perfringens*, bacterial enteritis, ORT (*Ornithobacterium rhinotracheale*). Pigs: mycoplasmosis, mycoplasmal (enzootic) pneumonia caused by *M. hyopneumoniae*, porcine proliferative enteropathy (PPE), porcine ileitis caused by *Lawsonia intracellularis*, porcine dysentery caused by *Brachyspira hyodysenteriae*, porcine colitis caused by *B. pilosicoli*, and others.

**Dosage and Administration:** Poultry (chickens, turkeys and replacement cocks): Preventive: 200-250mL / 200L of water the first 3 days of life and 100 - 150mL / 200L water 3 - 4 more days or in subsequent stress situations. Therapeutic: 200 - 250 mL / 200L of water for 3 days. Pigs: Preventive: 500 mL / 1000 L water, Therapeutic: 500 - 1000 mL / 1000 L water.

**Commercial Presentation:** Dropper x 30 mL, bottle x 100, 500 and 1000 mL.



Avivet.



### Vetamoxyl 20 L.A. Injectable Suspension

Broad-spectrum penicillanic semisynthetic antibiotic

**Composition:** Amoxicillin trihydrate 200 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment of enteritis (caused by *E. coli*, *Salmonella* spp., *Clostridium* spp.), infections caused by *Streptococcus* spp. such as arthritis and meningitis, ear necrosis, urinary infections (nephritis, urethritis, cystitis, etc.), respiratory disease (pneumonia, bronchitis, etc), systemic infections and prevention of secondary bacterial infections. Effective long-action.

**Dosage and Administration:** Dogs and cats: 1 mL/10 - 20 kg of b.w. twice a day; cattle, pigs, sheep, goats, camelids: 1 mL/20 kg of b.w. once a day; horses: 1 mL/10 kg of b.w. twice a day. Apply through subcutaneous or intramuscular route.

**Commercial Presentation:** Bottle x 50 mL, 100 mL and 250 mL.



### Vetamycon® 6X Otic-dermal cream

Antibiotic, anti-inflammatory, antifungal and antipruritic polyvalent association

**Composition:** Beclomethasone dipropionate 0.025%, gentamicin 0.3%, clotrimazole 1%, lidocaine 2%.

**Indications:** For the treatment of bacterial and fungal infections and affections of the skin and ears. Indicated in cases of acute and chronic otitis externa. Onychomycosis and dermal conditions of fungal etiology. Dermal diseases of bacterial etiology; exudative, eczematous, seborrheic or contact dermatitis; intertrigo or other pyodermas. Coadjuvant treatment in cases of allergic dermatitis due to fleas, dermatosis and alopecia. Lacerations, abrasions or wounds. Infections of the paranal gland in dogs.

**Dosage and Administration:** Topical route. In moderate conditions: from 1 to 7 times a week. In severe conditions, it can be applied 2-3 times a day (every 8-12 hours). The minimum duration of treatment is according to the etiology and the response of the course of the disease, and it can vary between 2 to 6 weeks. The frequency of administration depends on the severity of the injury and the discretion of the veterinarian.

**Commercial Presentation:** Tube of 15 g and 30 g.



petmedica<sup>+</sup>







100 mL

Animales mayores y menores

## Hematofos B<sub>12</sub>®

Solución Inyectable

Potente Reconstituyente - Estimulante  
Multivitaminado - Adicionado con  
Fósforo.

Uso Exclusivo Veterinario



A close-up photograph of a veterinarian in a white lab coat and white gloves examining the ear of a golden retriever. The dog is lying down, looking up with its mouth open, showing its teeth and tongue. The background is a blurred veterinary clinic setting.

# Vision | Value Leadership

In 2025 we will be the leading veterinary pharmaceuticals company in Latin America, not only at sales level but also in innovation, value creation and process excellence; with registrable products in any country and with a high sense of social responsibility.





# Supplements

- Line of large animals am
- Line of companion animals ac
- Line of poultry and swine av



## Supplements

### Adeforte® 50/25/4 Injectable solution

Association of oily vitamins

**Composition:** Vitamin A 50,000 IU, Vitamin D3 25,000 IU, Vitamin E 4 mg, excipients c.s.p. 1 mL.

**Indications:** Prevention and treatment of vitamin A, D3 and E deficiencies. Optimizes growth and metabolism, commercial fattening, milk, meat and wool production. In conditions of stress, it strengthens the epithelial type defensive barriers; improves fertility in females and males; fecundity, pregnancy and reproductive conditions in general.

**Dosage and Administration:** Injectable, intramuscular or subcutaneous route. Cattle and horses: 20 mL per animal; South American sheep, goats and camelids: 8 mL per animal; pigs, foals and calves: 10 mL per animal; canines and felines 1 mL / 5 Kg.

**Commercial Presentation:** 10, 20, 50, 100, 250, 500 mL.



### Adefortex® 500/75/50 Injectable Solution

High concentration vitaminic association

**Composition:** Vitamin A (Palmitic ester of vitamin A) 500 000 IU, Vitamin D3 (cholecalciferol) 75 000 IU, Vitamin E (tocopherol alpha acetate) 50 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment and prevention of deficiencies of vitamins A, D3 and E. It boosts growth, commercial fattening and milk, meat and wool production. Strengthens epithelial-type defensive barriers in stress states. It improves fertility, as well as fecundity, pregnancy and overall reproductive conditions.

**Dosage and Administration:** Cattle and horses: 5 mL; calves and foals: 1 - 2 mL; swine, goats and camelids: 1 - 3 mL; young pigs: 1.5 mL; piglets and tuis (baby alpaca): 0.5 mL; dogs and cats: 0.25 - 0.5 mL; sheep (only by subcutaneous route in the back line): lambs to 10 kg: 0.25 mL, lambs to 20 kg: 0.5 mL, ewes and adults: 1 - 3 mL. Apply through subcutaneous and deep intramuscular route.

**Commercial Presentation:** Bottle x 50 mL, 100 mL, 250 mL and 500 mL.



### Aminoplex® Forte | Aminoforte F

Injectable Solution

High concentration amino acids

**Composition:** Dextrose 50 mg, Calcium chloride 0.15 mg, Potassium chloride 0.2 mg, Magnesium sulphate 0.2 mg, Sodium acetate trihydrate 2.5 mg, L-Histidine hydrochloride 0.34 mg, DL-Methionine 0.34 mg, DL-Tryptophan 0.34 mg, L-Cysteine hydrochloride 0.34 mg, L-Threonine 0.68 mg, DL-Isoleucine 0.68 mg, L-Arginine hydrochloride 0.85 mg, DL-Phenylalanine 1.02 mg, DL-Valine 1.7 mg, L-Lysine hydrochloride 1.02 mg, L-Leucine 1.36 mg, Monosodium glutamate 1.36 mg, Vit. B1 (Thiamine hydrochloride) 0.10 mg, Vit. B2 (Riboflavin-5-phosphate) 0.04 mg, Vit. B6 (Pyridoxine hydrochloride) 0.1 mg, Vit. B12 (Cyanocobalamin) 0.05 mcg, Nicotinamide 1.5 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment of severe conditions of convalescence of weak animals or animals under intense stress, shock, dehydration, chronic diseases, parasitosis, and as support therapy in cases of severe dehydration due to vomiting or diarrhea.

**Dosage and Administration:** 1 mL/5 kg of b.w., 1 to 3 times a day, according to the severity of the case and medical criteria. Apply through intravenous, intramuscular, subcutaneous or intraperitoneal route. In horses, only the intravenous route is recommended.

**Commercial Presentation:** Bottle x 100 mL, 250 mL and 500 mL.





## Aminoplex® Light | Aminoforte L

Injectable Solution

Multielemental rehydration

**Composition:** Dextrose 50 mg, Calcium chloride 0.15 mg, Potassium chloride 0.2 mg, Magnesium sulphate 0.2 mg, Sodium acetate 2.5 mg, L-Histidine hydrochloride 0.01 mg, DL-Methionine 0.01 mg, DL-Tryptophan 0.01 mg, L-Cysteine hydrochloride 0.01 mg, L-Threonine 0.02 mg, DL-Isoleucine 0.02 mg, L-Arginine hydrochloride 0.025 mg, DL-Phenylalanine 0.03 mg, DL-Valine 0.03 mg, L-Lysine hydrochloride 0.03 mg, L-Leucine 0.04 mg, Monosodium glutamate 0.04 mg, Vit. B1 (Thiamine hydrochloride) 0.1 mg, Vit. B2 (Riboflavin-5-phosphate) 0.04 mg, Vit. B6 (Pyridoxine hydrochloride) 0.1 mg, Vit. B12 (Cyanocobalamin) 0.05 mcg, Nicotinamide 1.5 mg, excipients q.s. ad 1 mL.

**Indications:** Stimulates the quick recovery of animals convalescent after suffering diarrhea, vomiting, dehydration or chronic diseases. Provides elements easily lost by the organism during dehydration periods. Represents an energy contribution on deficiency and/or pathological states when oral intake is diminished or absent.

**Dosage and Administration:** 2 - 6 mL/kg of body weight, repeat according to judgment of the veterinarian. Apply through intravenous, intramuscular, subcutaneous or intraperitoneal route. In horses, only the intravenous route is recommended.

**Commercial Presentation:** Bottle x 500 mL..



## Ascorvet 250 | Cevital

Injectable Solution

Powerful antioxidant - enhancer of the immune response, amino acid synthesis and collagen

**Composition:** Vitamin C 250 mg, excipients q.s. ad 1 mL.

**Indications:** Used in convalescent animals to increase resistance to diseases by strengthening the immune system. Stimulates the formation of antibodies and improves post-vaccinal immune response. Promotes collagen production, protects epithelia and avoids secondary invasion. Stimulates healing process. Decreases immunosuppression due to stress.

**Dosage and Administration:** 1 - 10 mL/animal, depending on condition and weight of the animal. Cattle and horses: 10 mL; calves, foals, sheep, goats, alpacas: 5 - 10 mL; dogs, cats, lambs, kids and tuis: 1 - 2 mL. Apply through intramuscular or intravenous route.

**Commercial Presentation:** Bottle x 100 mL.



## Calcidex Forte | Calfosmin D®

Injectable Solution

Restorative mineralizer

**Composition:** Calcium borogluconate 270 mg, Magnesium borogluconate 70 mg, Dextrose 300 mg, Elemental phosphorus 5 mg, Potassium chloride 2 mg, Caffeine 5 mg, excipients q.s. ad 1 mL.

**Indications:** For the prevention and treatment of milk fever and cases of deficiency of calcium, phosphorus and magnesium. It is also used in cases of ketosis, rickets, grass tetany (forage poisoning), poisoning, deficiencies in general and as a restorative tonic.

**Dosage and Administration:** Cattle: 500 - 750 mL; horses: 250 - 500 mL; sheep and goats: 10 - 40 mL; pigs: 50 - 100 mL. Apply preferably through subcutaneous or intramuscular route; if necessary, repeat the dose.

**Commercial Presentation:** Bottle x 500 mL.



## Supplements

### Calcio para Vacas del Dr. Calderón

Injectable Solution

Calcifying, mineralizing, energetic and stimulating solution

**Composition:** Calcium borogluconate 270 mg, Magnesium borogluconate 70 mg, Dextrose 300 mg, Elemental phosphorus 5 mg, Potassium chloride 2 mg, Caffeine 5 mg, excipients q.s. ad 1 mL.

**Indications:** For the prevention and treatment of milk fever and cases of deficiency of calcium, phosphorus and magnesium. It is also used in cases of ketosis, rickets, grass tetany (forage poisoning), poisoning, deficiencies in general and as a restorative tonic.

**Dosage and Administration:** Cattle: 500 mL; horses: 250 - 500 mL; sheep: 10 - 40 mL; pigs: 50 - 100 mL; dogs: 5 - 25 mL; cats: 5 - 15 mL. Apply preferably through intravenous route; although it can also be applied by intramuscular or subcutaneous route; if necessary, repeat the dose.

**Commercial Presentation:** Bottle x 500 mL.



### Calfortis Injectable Solution

High concentration calcium

**Composition:** Calcium gluconate 440 mg, excipients q.s. ad 1 mL.

**Indications:** Prevention and treatment of metabolic diseases, mainly: hypocalcemic paresis before, during and after birth or all along the lactancy (milk fever), paresis of any kind -specially post-partum paresis-, tetanus of any kind, calcium metabolism disorders (rachitis, osteomalacy, newborn weakness, ketonuria), lactancy disorders, allergosis, toxicosis, intoxications (due to heavy metals, medications or insecticides, among others), neurosis, metabolism disturbances, general weakness. Coadjuvant against bronchitis with excessive secretions, among other benefits.

**Dosage and Administration:** Horses and cattle with body weight of 500 kg: 80 - 100 mL; pigs (subcutaneous route), sheep, goats, south american camelids, foals, calves with body weight of 50 to 100 kg: 20 - 30 mL; piglets, lambs, tuis and kids, dogs and cats: 2 - 3 mL. Apply through subcutaneous, intramuscular or intraperitoneal route, intravenous route is recommended in slow administration, since a fast delivery can cause a heart attack.

**Commercial Presentation:** Bottle x 100 mL.



### Catofos® B9+B12 Injectable Solution

Organic phosphorus stimulant with hematopoietic vitamins

**Composition:** Phosphonous acid (butaphosphan) 100 mg, Vitamin B9 (folic acid) 15 mg, Vitamin B12 (cyanocobalamin) 0.05 mg, excipients q.s. ad 1 mL.

**Indications:** When a phosphorus supplementation is required to improve the animal condition and to optimize the production. Coadjuvant in treatment and prevention of diseases and metabolic disorders (acute and chronic), anemia, reproductive disorders, stress due to high production, etc. Improves muscular and reproductive performance and general condition, also useful for preparation of animals for exhibitions.

**Dosage and Administration:** Cattle and horses: 10 - 25 mL (half in young animals); dairy cows before delivery: 20 mL in 6th and 4th week before delivery; sheep, goats and camelids: 2.5 - 5 mL; pigs: 2.5 - 10 mL; piglets and sucking pigs: 1 - 2.5 mL; dogs: 0.5 - 5 mL; cats and poultry: 0.5 - 1 mL. Apply through intravenous, intramuscular or subcutaneous route.

**Commercial Presentation:** Bottle x 20 mL, 50 mL, 100 mL and 250 mL.





## Coloidex® Multivitaminado Injectable Emulsion

Colloidal calcium with vitamins

**Composition:** Calcium chloride 2 mg, Vitamin A 50 000 IU, Vitamin D3 (cholecalciferol) 7500 IU, Vitamin E (alpha-tocopheryl acetate) 5 IU, Vitamin B12 (cyanocobalamin) 120 mcg, excipients q.s. ad 1 mL.

**Indications:** For the treatment and prevention of deficiencies of calcium and vitamins present in the formula. Adequate for conditions of stress, metabolic disorders, weight loss, anemia, anorexia, muscular dystrophy, delay in the occurrence of estrus and low fertility. To promote growth in young animals and as an adjuvant treatment in infectious and parasitic processes.

**Dosage and Administration:** Cattle and horses: 10 - 12 mL; sheep, goats and camelids: 3 - 5 mL; dogs and cats: 0.5 - 2 mL; pigs: piglets: 0.5 mL; rearing: 1 mL and adults: 5 mL. Apply through deep intramuscular route.

**Commercial Presentation:** Bottle x 50 mL, 100 mL and 250 mL.



## Equifos® B12 Injectable Solution

Multi-restorative added with phosphorus exclusive for horses

**Composition:** Sodium cacodylate 30 mg, Iron ammonium citrate 20 mg, Sodium glycerophosphate 10 mg, Vit. B12 (cyanocobalamin) 11 mcg, Cobalt acetate 0.5 mg, Tryptophan 2.5 mg, Histidine 5 mg, DL-Methionine 10 mg, Riboflavin-5-phosphate 2 mg, Nicotinamide 50 mg, Pyridoxine hydrochloride 10 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment of anemia, weight loss, convalescence of infectious and parasitic diseases, prolonged diarrhea, it also acts against weakness and fatigue. In all hematopoietic disorders, anemia of nutritional, infectious, parasitic or post-hemorrhagic origin. Ideal to prepare horses for competition or exhibitions.

**Dosage and Administration:** Horses: 10 - 12 mL; colts: 5 - 10 mL. Apply through intramuscular, subcutaneous or slow intravenous route.

**Commercial Presentation:** Bottle x 100 mL.



## Ferromycin® Injectable Solution

Preventive Association for Anemias and Bacterial Infections in Piglets

**Composition:** Iron dextran 100 mg, tylosin (as tartrate) 10 mg, gentamicin (as sulfate) 5 mg, excipients q.s. ad 1 mL.

**Indications:** Ferromycin® is a sterile aqueous solution, a novel association containing ferric hydroxide (in combination with a low molecular weight dextran fraction) in combination with two antibiotics of synergistic activity (macrolide/aminoglycoside). It is effective in the joint prevention of iron deficiency anemia, diarrhea and pneumonia (and other processes) in swine neonates.

**Dosage and Administration:** Deep intramuscular route. Preventive of iron deficiency. Two protocols can be used: a) Single dose: 1.5 - 2 mL after 2-3 days of birth. b) 1 mL after 2-3 days of birth and a second dose of 1 mL, 5 days later. Treatment of iron deficiency 2 mL as a single dose.

**Commercial Presentation:** Bottle x 100 mL and Bottle x 250 mL.



## Supplements

### Fertimin Se® Injectable Solution

Mineral supplement - Adjuvant in metabolic and reproductive disorders

**Composition:** Phosphorylcolamine 100.16 mg, Cobalt gluconate 0.08 mg, Zinc sulphate heptahydrate 1.8 mg, Manganese gluconate dihydrate 2.28 mg, Sodium selenite 0.34 mg, Potassium iodide 1.1 mg, excipients q.s. ad 1 mL.

**Indications:** For the prevention and treatment of deficiencies of minerals that are present in the formulation, such as deficiency of manganese, rickets, aphosphorosis. Boosts the onset of estrus, higher fertility rates, increases in conception and pregnancy rates, decreases calving intervals; increases libido and semen quality in males. It is used as an adjuvant in the treatment of reproductive disorders and helps to reduce the incidence of retained placenta, uterine prolapses, mastitis and metritis.

**Dosage and Administration:** 1 mL/20 kg of body weight. Apply through deep intramuscular route, do not administer more than 10 mL per injection site, in this case divide the dose.

**Commercial Presentation:** Bottle x 50 mL, 100 mL and 250 mL.



### Gallofos® B12 Injectable Solution

Multi-restorative added with phosphorus exclusive for fighting cocks

**Composition:** Sodium cacodylate 30 mg, Iron ammonium citrate 20 mg, Sodium glycerophosphate 10 mg, Vit. B12 (cyanocobalamin) 11 mcg, Cobalt acetate 0.5 mg, Tryptophan 2.5 mg, Histidine 5 mg, DL-Methionine 10 mg, Riboflavin-5-phosphate 2 mg, Nicotinamide 50 mg, Pyridoxine hydrochloride 10 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment and prevention of deficiencies of B complex vitamins, as well as minerals such as phosphorus. It is used in the preparation of poultry before a fight, exhibition, molt or posture. It improves reproductive parameters, quality of plumage and health of poultry in general. Ideal for the treatment of all types of anemia.

**Dosage and Administration:** Fighting cocks and other birds: 0.25 mL/kg of body weight. Apply through intramuscular route (in the breast muscle).

**Commercial Presentation:** Bottle x 20 mL.



### Hematofos B12® Injectable Solution

Multi-restorative added with phosphorus

**Composition:** Sodium cacodylate 30 mg, Iron ammonium citrate 20 mg, DL-Methionine 10 mg, Histidine 5 mg, Tryptophan 2.5 mg, Cobalt acetate 500 mcg, Vit. B12 (cyanocobalamin) 11 mcg, Riboflavin-5-phosphate 2 mg, Nicotinamide 50 mg, Pyridoxine hydrochloride 10 mg, Sodium glycerophosphate 10 mg, excipients q.s. ad 1 mL.

**Indications:** For the prevention and treatment of all types of hematopoietic disorders, anemia of nutritional, infectious, parasitic or post-hemorrhagic origin (specific in cases of anaplasmosis and piroplasmosis), weakness, emaciation and convalescence. Powerful restorative, tonic and appetite stimulant, growth and production enhancer. Useful to prepare animal for sports and exhibition.

**Dosage and Administration:** Cattle and horses: 10 - 12 mL; calves and foals: 5 - 10 mL; camelids, sheep and goats: 5 mL; pigs of 2 - 10 kg of b.w. 1 mL; 10 - 20 kg of b.w. 2 mL; 20 - 50 kg of b.w. 5 mL; more than 50 kg of b.w. 10 mL; companion animals: 1 mL/5 kg of b.w. Apply through intramuscular, subcutaneous or slow intravenous route. In large species, the complete treatment includes a range of 5 doses, one dose every three days. In severe cases, apply daily until finishing the complete treatment or according to the veterinary doctor criteria. In mild disorders or to prepare animals for exhibition or sports, one dose can be administered twice a week.

**Commercial Presentation:** Box x 5 ampoules x 10 mL, bottle x 20 mL, 50 mL, 100 mL, 250 mL and 500 mL.





## Hepato-Ject® | Heproprotect Injectable Solution

Liver protector

**Composition:** Thiocctic acid (alpha lipoic acid) 15 mg, Orotic acid 5 mg, DL-Methionine 20 mg, Folic acid 0.5 mg, Nicotinamide 10 mg, D-panthenol 3 mg, Pyridoxine HCl 2 mg, N-acetyl-L-Methionine 50 mg, Choline Chloride 40 mg, Inositol 20 mg, Betaine HCl 2 mg, Vit. B12 (cyanocobalamin) 0.04 mg, excipients q.s. ad 1 mL.

**Indications:** In cases of mild or severe hepatic insufficiencies, drug intoxication or as consequence of general anesthesia, diseases convalescence, overtraining, lack of appetite, asthenia and common fatigue. Appropriate in photosensitization, fatty liver, acute or chronic hepatitis, cirrhosis (infectious or toxic), hives and other diseases of nutritional origin, flatulence and meteorism.

**Dosage and Administration:** Cattle and horses: 10 mL/animal; sheep, goats, camelids, pigs and calves: 5 mL/animal; dogs: 2 - 3 mL/animal. Apply through intramuscular or slow intravenous route.

**Commercial Presentation:** Bottle x 50 mL, 100 mL and 250 mL.



## Hidrat-Race® Injectable solution

Nutritive Hydrating Serum with Electrolytes

**Composition:** Each 1000mL contains Anhydrous Glucose 20.00 g. Sodium Lactate 3.40 g. Potassium Chloride 1.50 g. Sodium Chloride 3.50 g. Water for injection c.s.p. 1 000 mL.

**Indications:** Severe dehydration caused by diarrhea, vomiting, gastrointestinal obstruction, racing, intense exercise, overtraining, overwork or production, excessive sweating, exposure to heat, fever, poisoning, thermal stress. Anorexia and as a supportive treatment in infectious or parasitic diseases. Vehicle -with energy input- for the administering of medication. Correction of saline abnormalities in cases of acute renal failure, heart and liver failure.

**Dosage and Administration:** Route of administration: Slow Endovenous In smaller animals: 20-40mL / kg. In older animals: 2 to 4 bags.

**Commercial Presentation:** Bag x 1 L.



## Iron-Dex 200® B12 Injectable Solution

Vitamin-mineral restorative supplement

**Composition:** Iron dextran 200 mg, Vitamin B12 (cyanocobalamin) 60 mcg, excipients q.s. ad 1 mL.

**Indications:** Prevention and treatment of deficiencies of iron and vitamin B12 in piglets and other animals. Prevention of disorders caused by those deficiencies, such as anemia, loss of appetite, diarrhea, delayed growth, lowered resistance to germs and variable climatic condition.

**Dosage and Administration:** Piglets: 1 mL at 2 to 4 days of age; cattle and horses: 2 - 4 mL; calves and foals: 1.5 - 3 mL; camelids, goats and sheep: 1 - 2 mL. Apply through deep intramuscular route.

**Commercial Presentation:** Bottle x 50 mL, 100 mL and 250 mL.



## Kinodyl® Se Injectable Solution

Stimulant and energetic muscle eutrophic

**Fórmula:** Sodium selenite 1 mg, DNA sodium 10 mg, ATP disodium 2 mg, UTP trisodium 1 mg, DL-Carnitine HCl 0.1 mg, L-Lysine HCl 0.1 mg, Vit. B12 (cyanocobalamin) 0.05 mg, excipients q.s. ad 1 mL.

**Indications:** For the development, recovery and maintenance of the muscle function in cases of myopathy of metabolic origin, adjuvant in the treatment of secondary muscular degenerations, control of muscular dystrophy. Promotes the fattening and growth in young animals. For preparation and maintenance of high competence animals. Previous and after stress situations including transportation. Prevention and treatment of deficiencies of selenium or any other component of the formula.

**Dosage and Administration:** Cattle, horses: 10 - 20 mL (in horses, it is recommended only the slow intravenous route; in order to avoid hypersensitivity reaction it is recommended to dilute the dose in 250 mL of NaCl 0.9%). Pigs, camelids and sheep: 5 -10 mL; dogs: 2 - 5 mL; poultry: 0.5 mL. For the treatment and preparation of animals for competence: one injection every 3 days during 9 to 12 days. Preventive and previous to stressful situations: one injection per week during 2 to 3 weeks. Apply through intramuscular or subcutaneous route.

**Commercial Presentation:** Bottle x 100 mL.



## Modivitamin® | ModivitaminMO®

Injectable Solution

Organic modifier - stimulant of the organic functions

**Composition:** DL-Methionine 2.1 mg, L-Arginine 2.0 mg, L-Histidine 2.1 mg, L-Leucine 2.1 mg, L-Lysine 10.0 mg, L-Threonine 1.0 mg, L-Tryptophan 0.5 mg, L-Valine 2.0 mg, ATP 3.0 mg, Vit. A palmitate 30 000 IU, Vit. B12 0.05 mg, Vit. D3 10 000 IU, Vit. E 10 mg, Iron ammonium citrate 4.0 mg, Sodium chloride 0.42 mg, Sodium glycerophosphate 10.0 mg, Calcium gluconate 0.038 mg, Cobalt gluconate 0.201 mg, Magnesium gluconate 4.1 mg, Manganese gluconate 3.187 mg, Zinc gluconate 1.672 mg, Sodium glutamate 4.2 mg, Sodium selenite 0.5 mg, Potassium iodide 2.0 mg, excipients q.s. ad 1 mL.

**Indications:** Booster of the metabolic and hormonal functions, releaser of growth factors, enhancer of weight gain and all body functions. Adjuvant in the treatment of infectious and parasitic diseases, stress, malnutrition due to chronic disorders or weakened animals due to extreme climatic conditions. Prevents birth disorders, retained placenta and embryonic deaths.

**Dosage and Administration:** Cattle, sheep, goats, horses, pigs and camelids: 1 mL/50 kg of b.w.; dogs and cats: 0.10 mL/5 kg of b.w.; poultry, guinea pigs and rabbits: 0.05 mL/2 kg of b.w. Apply through intramuscular or subcutaneous route.

**Commercial Presentation:** Bottle x 50 mL, 100 mL, 250 mL and 500 mL.





BPM / GMP



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The development of our product portfolio and its registration in countries are based on pharmaceutical, clinical and scientific research. We develop unique and innovative formulations focused on the treatment and prevention, with the objective to meet the needs of veterinarians and stock farmers. Parallel to this innovative approach, the quality of our processes is validated through SENASA's Good Manufacturing Practices (GMP) and TÜV Rheinland's ISO 9001 certification.









[www.agrovetmarket.com](http://www.agrovetmarket.com)

# Parasiticides

Line of large animals 

Line of companion animals 

Line of poultry and swine 



## Myoselen E® Injectable Emulsion

Vitamin E and selenium supplement

**Composition:** Vit. E acetato (DL-Alfatocoferol acetato) 150 mg, Selenito de sodio 3 mg, exc. c.s.p. 1 mL

**Indications:** For the treatment and prevention of disorders produced by deficit of vitamin E and selenium. In cases of nutritional muscular dystrophy, myositis, necrotic hepatitis, growth retardation, encephalomalacia and exudative diathesis, among others. Restores muscular performance in sport horses. Improves fertility, fecundity, pregnancy and the reproductive conditions in general. Prevention of retained placenta, decrease of the number of premature offsprings, etc.

**Dosage and Administration:** In adult animals: 1 mL/25 kg of b.w.; in sows, it should be applied 3 weeks before the delivery and repeat the application at calving and weaning. In young animals: 1 mL/12.5 kg of b.w., the dose can be repeated at 45 days. White muscle disease prevention and to prevent the birth of weak offsprings: 1 mL/25 kg of b.w. Improvement of reproductive conditions and prevention of reproductive disorders: 1 mL/12.5 kg of b.w. Apply through intramuscular route.

**Commercial Presentation:** Bottle x 100 mL.



## Vitamino® B Injectable Solution

Complex B integral multivitaminic revitalize

**Composition:** Vit. B1 (thiamine hydrochloride) 10 mg, Vit. B2 (riboflavin sodium phosphate) 5 mg, Vit. B6 (pyridoxine hydrochloride) 5 mg, Vit. B12 (cyanocobalamin) 20 mg, Vit. B5 (D-panthenol) 12.5 mg, Vit. B3 (nicotinamide) 50 mg, Vit. B7 (biotin) 100 mg, Choline chloride 10 mg, excipients q.s. ad 1 mL.

**Indications:** Treatment and prevention of deficiency of vitamins present in the formula. Prevention or treatment of stress caused by vaccines, diseases, transport, high humidity, high temperature, very low or extreme changes in temperature. Improvement of the feed conversion ratio.

**Dosage and Administration:** Cattle and horses: 10 - 20 mL (half in young animals); sheep, goats and south american camelids: 5 - 10 mL per animal (half in young animals); pigs: 10 mL, piglets (10 kg): 1 mL, piglets (10-30 kg): 1-3 mL; dogs and cats: 1-3 mL; poultry, guinea pigs and rabbits: 0.1 - 1 mL. Apply through Intramuscular or subcutaneous routes.

**Commercial Presentation:** Bottle x 100 mL.



## Vitamino® Multi Injectable Microemulsion

Integral multivitaminic restorative with amino acids

**Composition:** Vit. A 15 000 IU, Vit. D3 7500 IU, Vit. E 20 mg, Vit. B1 (thiamine hydrochloride) 10 mg, Vit. B2 (riboflavin sodium phosphate) 5 mg, Vit. B12 (cyanocobalamin) 0.06 mg, Vit. B5 (D-panthenol) 25 mg, Vit. B3 (nicotinamide) 50 mg, Vit. B9 (folic acid) 0.15 mg, Vit. B7 (biotin) 0.125 mg, Choline chloride 125 mg, Amino acids 12 mg, excipients q.s. ad 1 mL.

**Indications:** Treatment and prevention of deficiency of vitamins present in the formula. Growth problems, weakness of newborn animals, neonatal anemia, sight and intestinal problems, convalescence, anorexia, non-infectious reproductive disturbances, rickets, muscular weakness and tremor, support in situations of extreme temperature changes, heart failure and parasitic infestation.

**Dosage and Administration:** Cattle and horses: 10 - 20 mL (half in young animals); sheep, goats and south american camelids: 5 - 10 mL per animal (half in young animals); pigs: 10 mL, piglets (10 kg): 1 mL, piglets (10 - 30 kg): 1 - 3 mL; dogs and cats: 1 - 3 mL; poultry, guinea pigs and rabbits: 0.1 - 1 mL. Apply through intramuscular or subcutaneous routes.

**Commercial Presentation:** Bottle x 100 mL.





## Parasiticides

### Abamexin® L.A. Injectable Solution

Long-acting endectocide

**Composition:** Abamectin 10 mg, slow release vehicle q.s. ad 1 mL.

**Indications:** For the treatment and control of internal (gastrointestinal and pulmonary nematodes) and external parasitosis (myiasis, larvae, ticks, mange, lice). Acts against strains resistant to ivermectin and other endectocides. Its vehicle provides slow release and long action (at least during 42 days).

**Dosage and Administration:** Cattle, camelids, sheep and goats: 1 mL/50 kg of b.w.; pigs 1 mL/33 kg of b.w. Apply preferably by subcutaneous route, although it can also be applied by intramuscular route.

**Commercial Presentation:** Bottle x 50 mL, 100 mL, 250 mL and 500 mL.



### Abamexin® Pour On Pour On Topical Solution

Pour On Topical Solution

**Composition:** Abamectin 5 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment and control of internal (gastrointestinal, pulmonary and renal nematodes) and external parasitosis (larval stages of diptera causing myiasis, sucking lice, scabies mites, horn flies, nose worms; it helps in the control of ticks and biting lice). With action against strains resistant to ivermectin and other endectocides.

**Dosage and Administration:** 1 mL/10 kg of b.w. Apply topically along the dorsal line from the withers to the base of the tail. Epicutaneous route.

**Commercial Presentation:** Bottle x 100 mL, 120 mL and Pourmatic® bottles x 250 mL, 500 mL and 1 L.



### ABZ® 12.5% con Minerales Oral Suspension

Broad-spectrum parasiticide with minerals

**Composition:** Albendazole 125 mg, Cobalt sulphate 16 mg, Zinc carbonate 5.6 mg, Sodium selenite 2.8 mg, excipients q.s. ad 1 mL.

**Indications:** Control and treatment of internal parasites, including *Fasciola hepatica*. It contains minerals with direct action on the prevention of anemia (cobalt), improving the fur, skin, wool (zinc) and the reproductive level (selenium).

**Dosage and Administration:** Cattle: taenias, gastrointestinal and pulmonary nematodes: 1 mL/25 kg of b.w., larvae: 1 mL/18 kg of b.w., *Fasciola hepatica*: 1 mL/12.5 kg of b.w.; sheep, goats and camelids: taenias, gastrointestinal and pulmonary nematodes: 1 mL/35 kg of b.w., larvae: 1 mL/26 kg of b.w., *Fasciola hepatica*: 1 mL/17.5 kg of b.w.; horses: 1 mL/16 kg of b.w. Administer orally.

**Commercial Presentation:** Sachet x 30 mL, dosing syringe x 30 mL, bottle x 250 mL, 500 mL and 1 L.



## ABZ® 15% con Cobalto Oral Suspension

Broad-spectrum parasiticide with cobalt

**Composition:** Albendazole 150 mg, Cobalt sulfate heptahydrate 9.75 mg, excipients q.s. ad 1 mL.

**Indications:** Control and treatment against gastrointestinal and pulmonary nematodes, taenias and *Fasciola hepatica*. Includes cobalt, which offers direct action on the prevention of anemia.

**Dosage and Administration:** Cattle, sheep, goats and camelids: taenias, gastrointestinal and pulmonary nematodes: 1 mL/30 kg of b.w., hypobiotic larvae of *Ostertagia*: 1 mL/20 kg of b.w., *Fasciola hepatica*: 1 mL/15 kg of b.w. Administer orally.

**Commercial Presentation:** Dosing syringe x 30 mL, bottle x 500 mL and 1 L.



## ABZ® 20% Oral Suspension

Broad-spectrum and high concentration parasiticide

**Composition:** Albendazole 200 mg, excipients q.s. ad 1 mL.

**Indications:** Control and treatment against gastrointestinal and pulmonary nematodes, taenias and *Fasciola hepatica*.

**Dosage and Administration:** Cattle, sheep, goats and camelids: taenias, gastrointestinal and pulmonary nematodes: 1 mL/40 kg of b.w., hypobiotic larvae of *Ostertagia*: 1 mL/30 kg of b.w., *Fasciola hepatica*: 1 mL/20 kg of b.w. For specific treatment of larvae of *Strongylus vulgaris* in horses: 1 mL/10 kg of b.w. twice a day during 2 days. Administer orally.

**Commercial Presentation:** Dosing syringe x 30 mL, bottle x 500 mL and 1 L.



## Alpamec® L.A. Injectable Solution

Long-acting endectocide for alpacas

**Composition:** Ivermectin 10 mg, slow release vehicle q.s. ad 1 mL.

**Indications:** For the treatment and control of internal (gastrointestinal and pulmonary nematodes) and external parasitosis (sucking lice, ticks and scabies mites) in alpacas. Field tests have demonstrated its effectiveness against scabies for a minimum of 72 days after its application.

**Dosage and Administration:** 1 mL/50 kg of b.w. Apply through deep intramuscular or subcutaneous route.

**Commercial Presentation:** Bottle x 50 mL, 100 mL, 250 mL and 500 mL.



# Parasiticides

## Bovimec® Injectable Solution

Endectocide

**Composition:** Ivermectin 10 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment and control of internal (gastrointestinal, pulmonary and renal nematodes) and external parasites (larvae causing myiasis, sucking and biting lice, mange mite, ticks, horn fly and worms of the nose: *Oestrus ovis*).

**Dosage and Administration:** Cattle, camelids, sheep and goats: 1 mL/50 kg of b.w.; pigs: 1 mL/33 kg of b.w. Apply through subcutaneous route.

**Commercial Presentation:** Bottle x 10 mL, 20 mL, 50 mL, 100 mL, 250 mL and 500 mL.



## Bovimec® 2% Injectable Solution

Endectocide

**Composition:** Ivermectin 20 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment and control of internal (gastrointestinal, pulmonary and renal nematodes) and external parasites (larvae causing myiasis, sucking and biting lice, mange mite, ticks, horn fly and worms of the nose: *Oestrus ovis*).

**Dosage and Administration:** Cattle, camelids, sheep and goats: 1 mL/100 kg of b.w.; pigs: 1 mL/66 kg of b.w. Apply through subcutaneous route.

**Commercial Presentation:** Bottle x 50 mL, 100 mL and 250 mL.



## Bovimec® L.A. Injectable Solution

Long-acting endectocide

**Composition:** Ivermectin 10 mg, slow release vehicle q.s. ad 1 mL.

**Indications:** For the treatment and control of internal (gastrointestinal, pulmonary and renal nematodes) and external parasitosis (larvae causing myiasis, sucking and biting lice, mange mite, ticks, horn fly and worms of the nose: *Oestrus ovis*). Its vehicle offers slow release and long action (at least 42 days).

**Dosage and Administration:** Cattle, camelids, sheep and goats: 1 mL/50 kg of b.w.; pigs: 1 mL/33 kg of b.w. Apply through subcutaneous or intramuscular route.

**Commercial Presentation:** Bottle x 20 mL, 50 mL, 100 mL, 250 mL and 500 mL.





## Bovimec® 1.5% L.A. Injectable Solution

Long-acting endectocide

**Composition:** Ivermectin 15 mg, slow release vehicle q.s. ad 1 mL.

**Indications:** For the treatment and control of internal (gastrointestinal, pulmonary and renal nematodes) and external parasitosis (larvae causing myiasis, sucking and biting lice, mange mite, ticks, horn fly and worms of the nose: *Oestrus ovis*). Its vehicle offers slow release and long action (at least 42 days).

**Dosage and Administration:** Cattle, camelids, sheep and goats: 1 mL/75 kg of b.w.; pigs: 1 mL/50 kg of b.w. Apply through intramuscular or subcutaneous route.

**Commercial Presentation:** Bottle x 100 and 250 mL.



## Bovimec® L.A. AD3E Injectable Solution

Long-acting endectocide associated with vitamin A, D<sub>3</sub> and E

**Composition:** Ivermectin 10 mg, Vitamin A 250 000 IU, Vitamin D<sub>3</sub> 37 500 IU, Vitamin E (alpha-tocopheryl acetate) 25 mg, slow release vehicle q.s. ad 1 mL.

**Indications:** For the treatment and control of internal (gastrointestinal, pulmonary and renal nematodes) and external parasitosis (larvae causing myiasis, sucking and biting lice, mange mite, ticks, horn fly and worms of the nose: *Oestrus ovis*) and deficiencies of vitamins A, D<sub>3</sub> and E. Its vehicle offers slow release and long action (at least 42 days).

**Dosage and Administration:** Cattle, camelids, sheep and goats: 1 mL/50 kg of b.w.; pigs: 1 mL/33 kg of b.w. Apply through subcutaneous or deep intramuscular route.

**Commercial Presentation:** Bottle x 100 and 500 mL.



## Bovimec® Etiqueta Azul 3.15%

Injectable Suspension

Extra long-acting thixotropic endectocide

**Composition:** Ivermectin 31.5 mg, slow absorption vehicle q.s. ad 1 mL.

**Indications:** For the treatment, control and prophylaxis of infestations of gastrointestinal and pulmonary nematodes, as well as ectoparasites (lice, scabies, larval myiasis and ticks). Its slow absorption mechanism and prolonged effectiveness eliminates the referred parasites and prevents new infestations during long periods (up to 140 days for *Dermatobia hominis*).

**Dosage and Administration:** 1 mL/50 kg of b.w. Apply only through subcutaneous route.

**Commercial Presentation:** Bottle x 50 mL, 100 mL, 250 mL and 500 mL.



# Parasitídes

## Bovimec® F Injectable Solution

Endectocide and fasciolicide

**Composition:** Ivermectin 10 mg, Clorsulon 100 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment, control and prophylaxis of internal and external parasitosis, including *Fasciola hepatica*, gastrointestinal and pulmonary nematodes, as well as ectoparasites like: larval stages of diptera causing myiasis, sucking and biting lice, ticks and scabies mites.

**Dosage and Administration:** 1 mL/50 kg of b.w. Apply through subcutaneous route.

**Commercial Presentation:** Bottle x 50 mL, 100 mL and 500 mL.



## Bovimec® Pour On Pour On Topical Solution

External use endectocide

**Composition:** Ivermectin 5 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment of internal (gastrointestinal and pulmonary nematodes) and external parasitosis (larvae causing myiasis, sucking and biting lice, mange mite, ticks, horn fly and worms of the nose: *Oestrus ovis*).

**Dosage and Administration:** 1 mL/10 kg of b.w. Apply along the dorsal line from the withers to the base of the tail. Epicutaneous route.

**Commercial Presentation:** Bottle Pour On x 500 mL and 1 L.



## Cesti-Tabs® 10 Tablet

Specific taenicide parasiticide

**Composition:** Praziquantel 50 mg, excipients q.s. ad 1 tablet.

**Indications:** For the treatment and control of infections of all kinds of flat worms (taenias), both in immature and adult form, like *Dipylidium caninum*, *Taenia* spp. and *Echinococcus granulosus*, among others.

**Dosage and Administration:** 1 tablet/10 kg of b.w. as single dose. Administer orally. Follow a treatment program with periodic dosages.

**Commercial Presentation:** Pot x 30 tablets.





## Cloxantel 11 Oral Solution

Long-acting internal and external parasiticide

**Composition:** Closantel 110 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment and control of internal (adult and immature forms of gastrointestinal nematodes and *Fasciola hepatica*) and external parasitosis (oestrosis, cavitary myiasis, lice, among others).

**Dosage and Administration:** Gastrointestinal nematodes and *Fasciola hepatica*: 1 mL/11 kg of b.w., ectoparasites and worms: 1 mL/5.5 kg of b.w., Oestrus ovis: 1 mL/22 kg of b.w. Administer orally.

**Commercial Presentation:** Sachet x 30 mL, dosing syringe x 30 mL, bottle x 250 mL, 500 mL and 1 L.



## Cyromix® 100 Px Premix

Growth regulator larvicide for oral medication

**Composition:** Each 100 g contains: Ciromazine 10 g, excipients q.s.ad 100 g.

**Indications:** Feed additive for the control of larvae of flies (Stable fly: *Stomoxys calcitrans*, Horn fly, *Haematobia irritans*, small housefly *Fannia canicularis*, fly from chicken manure *Fannia pusio*, house fly, *Musca domestica*, fruit fly *Drosophila melanogaster*) and fleas in poultry (The hen flea *Echidnophaga gallinacea*, and human flea *Pulex irritans*).

**Dosage and Administration:** Poultry: 500 g per ton of feed for two periods of 4 to 6 weeks, with an interval of 4 to 6 weeks without treatment. To reduce the fly population immediately, Cyromix® 100 Px and an adulticide such as No-Fly should be applied. In organic matter: 1000 g per ton of material to be treated. After spreading the product, it is recommended to stir the already treated organic material

**Commercial Presentation:** 100 g, 1 kg, 20 kg

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## Doramec® L.A. | Doramax L.A.

Injectable Solution

Long-acting endectocide

**Composition:** Doramectin 10 mg, slow release vehicle q.s. ad 1 mL.

**Indications:** For the treatment and control of internal (gastrointestinal and pulmonary nematodes) and external parasitosis (fly larvae producer of myiasis, ticks, scabies, lice). Its vehicle provides a slow release and long action (45 days).

**Dosage and Administration:** Cattle, camelids, sheep and goats: 1 mL/50 kg of b.w.; pigs: 1 mL/33 kg of b.w. Apply through intramuscular or subcutaneous route.

**Commercial Presentation:** Bottle x 50 mL, 100 mL and 500 mL.



## Parasiticides

### doraQuest® I.a. Oral Gel PATENTED

Oral endectocide exclusive for horses

**Composition:** Doramectin 1.75 g, excipients q.s. ad 100 g.

**Indications:** Broad spectrum and long action endectocide, effective in control of internal (gastrointestinal and pulmonary nematodes) and external parasitosis, like lice and problems of myiasis in horses. The special formula of doraQuest® I.a. provides a pleasant apple flavor, which makes a very likeable gel that facilitates the complete dosage.

**Dosage and Administration:** The 6.84 g syringe has 6 notches, each notch measures the product for 100 kg of body weight. Administer orally.

**Commercial Presentation:** Dosing syringe x 6.84 g.



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### doraQuest® duo Oral Paste

Oral endectocide exclusive for horses

**Composition:** Doramectin 1.78 g, Praziquantel 22.29 g, vehicle q.s. ad 100 g.

**Indications:** Effective in the control of internal (gastrointestinal and pulmonary nematodes, and taenias) and external parasitosis, like lice and myiasis problems in horses. It contains praziquantel, the most effective antiparasitic against immature and adult forms of all types of taenias (cestoda). The special formula of doraQuest® I.a. provides a pleasant apple flavor, which makes a very likeable paste that facilitates the complete dosage.

**Dosage and Administration:** The 6.73 g syringe has 6 notches, each notch measures the product for 100 kg of body weight. Administer orally.

**Commercial Presentation:** Dosing syringe x 6.73 g.

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### Duotak FF® Pour On External Solution

Long-acting ectoparasiticide with environmental effect

**Composition:** Fipronil 10 mg, Fluazuron 25 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment and control of ticks (*Boophilus microplus*), protecting animals from adult forms of tick during a period up to 12 weeks. It is also effective against horn fly, nodular dermatobiasis ("tupe" or "nuche") and biting and sucking lice.

**Dosage and Administration:** Cattle: 1 mL/10 kg of b.w. Apply along the dorsal line from the withers to the base of the tail. A second treatment after a recess of 3 to 6 months is recommended. Epicutaneous route.

**Commercial Presentation:** Bottle x 1 L.



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## Ectickol Pour On Pour On Topical Solution

Tick killer, mange killer and insecticide

**Composition:** Flumethrin 10 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment and control of ticks sensitive to pyrethroids affecting domestic animals, and infestations of other ectoparasites such as lice, fleas and mites. It has an intense environmental effect, which inhibits the oviposition of fertile eggs of adult females.

**Dosage and Administration:** 1 mL/10 kg of b.w. Apply along the dorsal line from the withers to the base of the tail; poultry: 0.2 mL/kg of b.w. Epicutaneous route.

**Commercial Presentation:** Bottle x 1 L.



## Ectomethrin® 200 Emulsifiable Concentrate

Tick killer and insecticide

**Composition:** Cypermethrin 200 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment and control of ticks, fleas, mites, lice and flies, among others. Its residual action lasts from 3 to 4 weeks. It can be used in immersion baths, sprinkling or spraying of buildings and facilities.

**Dosage and Administration:** For immersion baths: Initial dilution rate: 1 L/1250 L of fresh or salty water. Replenishment: 1.5 L/1250 L of water. Both operations to be performed when the level in the bath is reduced in 10% of its original level. Dry restrengthening: 0.5 L/1250 L of water consumed in the bath. This is done in order to not having to replenish the water consumed. For sprinkling animals: 1 L/1250 L of water (apply the final sprinkling emulsion using approximately 1 L/animal). Dogs: 1 mL/1.25 L of water. For spraying in buildings and facilities: 1 mL/1.5 to 2.5 L of water (1 L of the final emulsion per 10 to 15 m² of surface to be treated).

**Commercial Presentation:** Bottle x 20 mL, 100 mL, 250 mL, 500 mL, 1 L.



## Ectomethrin® Pour On Pour On Topical Solution

Tick killer and insecticide

**Composition:** Cypermethrin 65 mg, excipients q.s. ad 1 mL.

**Indications:** For the control and treatment of infestations of horn flies, sucking and biting lice, and as repellent of horseflies, flies and mosquitos. Specially formulated for Pour On application (dorsal midline). Repellent action against insects in general. Its residual effect lasts 5 to 6 weeks.

**Dosage and Administration:** Cattle: 10 mL/animal. For animals of more than 400 kg: 20 mL/animal; sheep and camelids (up to 45 days post shearing) 5 mL/animal. After 45 days post shearing: 6 to 7 mL/animal; pigs: 5 mL/animal; horses: 20 mL/animal, distributing 10 mL in the midline between the withers and the croup, and 5 mL in each flank. In case of severe infestation, the dose can be increased.

**Commercial Presentation:** Bottle x 30 mL, 500 mL and 1 L.



## Parasiticides

### Ectonil® Pour On Pour On Topical Solution

Tick killer and insecticide of multiple action and extended effect

**Composition:** Fipronil 10 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment and control of horn fly, ticks, *Dermatobia* spp. ("tupé" or "nuche"), biting and sucking lice, and myiasis (worms). It has high efficacy against strains resistant to pyrethroids and organophosphates used against horn flies and ticks.

**Dosage and Administration:** Cattle, sheep, camelids and horses: 1 mL/10 kg of b.w. apply on the dorsal line, between the withers and the base of the tail; guinea pigs and poultry: 2 drops per kg of b.w. applied on the back. The interval between treatments should be of at least 2 months, but it will depend on the severity of the infestation. Epicutaneous route.

**Commercial Presentation:** Bottle x 30 mL, 500 mL and 1 L.



### Eprimec® Zero Pour On Pour On Topical Solution

Endectocide with no withdrawal period in milk and meat

**Composition:** Eprinomectin 5 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment and control of endoparasites and ectoparasites. Adequate for the treatment and control of parasitic infections produced by mature and immature forms of gastrointestinal and pulmonary nematodes, horseflies, flies, sucking and biting lice, *Chorioptes* spp., *Psoroptes* spp. and *Sarcoptes* spp. (scabies mites), among others.

**Dosage and Administration:** 1 mL/10 kg of b.w. Epicutaneous route.

**Commercial Presentation:** Bottle x 500 mL and 1 L.



### Fasiject® Plus Injectable Solution

Full-spectrum internal and external parasiticide

**Composition:** Triclabendazole 360 mg, Ivermectin 6 mg, excipients q.s. ad 1 mL.

**Indications:** Full action antiparasitic for the simultaneous control and treatment of parasitosis produced by nematodes, *Fasciola hepatica* (adult and young immature forms) and ectoparasites such as scabies mites, blood sucking lice and fly larvae.

**Dosage and Administration:** 1 mL/30 kg of b.w. In cattle, apply only by intramuscular route; in sheep, goats and camelids, apply through intramuscular or subcutaneous route.

**Commercial Presentation:** Bottle x 100 mL and 250 mL.





## FBZ® 12.5% con Minerales Oral Suspension

Broad-spectrum internal parasiticide with minerals

**Composition:** Fenbendazole 125 mg, Cobalt sulphate 16 mg, Zinc carbonate 6 mg, Sodium selenite 3 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment and control of internal (gastrointestinal and pulmonary nematodes, including cases of taeniasis). Its formula includes minerals with direct action on the prevention of anemia (cobalt), the improvement of the fur, skin and wool (zinc), and the improvement of the reproductive level (selenium).

**Dosage and Administration:** Cattle, goats, sheep and camelids: gastrointestinal and pulmonary nematodes: 1 mL/25 kg of b.w., taenias: 1 mL/12.5 kg of b.w., larvae of *Ostertagia*: 1 mL/16 kg of b.w.; horses: 1 mL/16 kg of b.w. Administer orally.

**Commercial Presentation:** Dosing syringe x 30 mL, bottle x 500 mL and 1 L.



## Fipronex® Topical Solution

Long-acting ectoparasiticide

**Composition:** Fipronil 2.5 mg, excipients q.s. ad 1 mL.

**Indications:** Offers an effective control of fleas and ticks in adult dogs and cats, and in puppies and kittens since the first week of age. It has additional effect against lice and sarcoptic mange (var. *canis*). It controls the infestation very rapidly, killing adult fleas before they lay their eggs. The residual effect of Fipronex® prevents reinfestations, killing fleas and ticks for a minimum period of 60 days.

**Dosage and Administration:** 3 to 6 mL/kg of b.w. depending on the fur of the animal. Topical application.

**Commercial Presentation:** Spray x 55 mL, 110 mL and 275 mL.



## Fipronex® Drop on Topical Solution

Long-acting external ectoparasiticide in dermal solution

**Composition:** Fipronil 100 mg, excipients q.s. ad 1 mL.

**Indications:** Prevents reinfestations and rapidly eliminates the stress in pets produced by the presence of fleas and ticks, the loss of blood, itching and allergic reactions due to fleabites. Its residual effect prevents reinfestations, killing fleas for a minimum period of 60 days, and ticks for a period of 30 days. The protection on adult dogs against fleas can extend for more than 90 days and up to 5 week in cats.

**Dosage and Administration:** According to the weight of the animal: Up to 10 kg of b.w.: 1 pipette of 0.67 mL, from 11 to 20 kg of b.w.: 1 pipette of 1.34 mL, from 21 to 40 kg of b.w.: 1 pipette of 2.68 mL, from 41 to 60 kg of b.w.: 1 pipette of 4.02 mL. Topical application.

**Commercial Presentation:** Pipette x 0.67 mL, 1.34 mL, 2.68 mL and 4.02 mL.



## Parasiticides

### Fipronex® Duo Topical Solution

Ectoparasiticide with environmental and prolonged effect

**Composition:** Fipronil 2.5 mg, Pyriproxyfen 2.5 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment and comprehensive control of flea and tick infestations. It combines successfully the effect of an adulticide and a regulator of flea growth (one single application controls all their stages). It is effective against adult fleas for a period of up to 90 days, and inhibits the development of fertile eggs and larvae for a period of up to 120 days. It offers effect against ticks for 1 month, having additional action against lice and sarcoptic mange (var. *canis*).

**Dosage and Administration:** 3 - 6 mL/kg of b.w. depending on the fur of the animal. Topical application.

**Commercial Presentation:** Spray x 55 mL, 110 mL y 275 mL.



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### Fipronex® Duo Drop On Topical Solution

Ectoparasiticide with environmental and prolonged effect

**Composition:** Fipronil 100 mg, Pyriproxyfen 100 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment and prevention of flea and tick infestations on dogs. It combines successfully the effect of an adulticide and a regulator of flea growth (one single application controls all their stages). It is effective against adult fleas for a period of up to 90 days, and inhibits the development of fertile eggs and larvae for a period of up to 120 days.

**Dosage and Administration:** According to the weight of the animal: Up to 10 kg of b.w.: 1 pipette of 0.67 mL, from 11 to 20 kg of b.w.: 1 pipette of 1.34 mL, from 21 to 40 kg of b.w.: 1 pipette of 2.68 mL, from 41 to 60 kg of b.w.: 1 pipette of 4.02 mL. Topical application.

**Commercial Presentation:** Pipette x 0.67 mL, 1.34 mL, 2.68 mL and 4.02 mL.

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### Fipronex® G5 Topical Solution

Panectocida® by excellence

**Composition:** Fipronil 2.5 mg, pyriproxyfen 2.5 mg, dinotefuran 3.2 mg, piperonyl butoxide 3 mg, permethrin 20 mg, excipients q.s.ad. 1 mL .

**Indications:** Fipronex® G5 Spray is the first product presenting a new category, the panectocides, which acts against all the important ectoparasites in dogs; it is indicated for the prevention and treatment of flea, tick, mite and lice infestation in dogs; it also has a repellent effect against mosquitoes, flies, and sandflies.

**Dosage and Administration:** Based on the animal coat: 3 mL of solution /kg b.w.. The dosage interval will be defined according to the specific infestation and the environmental challenge; all this will depend on the criteria of the veterinarian. A 55 mL bottle can be suitable for a dog weighing up to 18 kg, a 110 mL bottle can be used for a dog weighing up to 36 kg., a 275 mL bottle may be used for treating several dogs (weighing up to 90 kg.), a 550 mL bottle can be suitable for treating several dogs (weighing up to 180 kg.).

**Commercial Presentation:** Bottle of 55 mL, 110 mL, 275 mL, and 550 mL.



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## Fipronex® G5 Drop On Topical Solution

Panectocida® by excelencia

**Composition:** Fipronil 45 mg, pyriproxyfen 45 mg, dinotefuran 58 mg, piperonyl butoxide 10 mg, permethrin 360 mg, excipients q.s.ad. 1 mL.

**Indications:** Fipronex® G5 Drop On is the first product presenting a new category, the panectocides, which acts against all the important ectoparasites of dogs. It is indicated for the prevention and treatment of flea, tick, mite and lice infestation in dogs; it also has a repellent effect against mosquitoes, flies, and sandflies.

**Dosage and Administration:** From up to 10 kg b.w.: 1 pipette of 1.5 mL; from 10 to 20 kg b.w.: 1 pipette of 3 mL; from 20 to 40 kg b.w.: 1 pipette of 6 mL; from 40 to 60 kg b.w.: 1 pipette of 9 mL. Dosage interval: for control of adult fleas and ticks: every month; for control of flea eggs: 2 months. Please note: during the application, avoid contact with the mouth, eyes, the animal's lick and administer until the pipette is empty.

**Commercial Presentation:** Box of 5 pipettes of 1 mL, 3 mL, 6 mL, and 9 mL.



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## Gallomec Plus® Oral Tablet

Specific taenicide parasiticide

**Composition:** Praziquantel 50 mg, excipients q.s. ad 1 tablet.

**Indications:** For the treatment and control of infections of all kinds of flat worms (taenias), both in immature and adult form, like *Dipylidium caninum*, *Taenia* spp. and *Echinococcus granulosus*, among others.

**Dosage and Administration:** 1 tablet/10 kg of b.w. as single dose. Administer orally. Follow a treatment program with periodic dosages.

**Commercial Presentation:** Pot x 30 tablets.

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## Gallomec Plus® Px Premix

Total spectrum antiparasitic, specific for poultry

**Composition:** Each 100 g contains: Ivermectin 0.21 g, fenbendazole 5.10 g, praziquantel 6 g, excipients q.s.ad 100 g.

**Indications:** For the treatment and control of all gastrointestinal, tracheal, pulmonary and renal parasites in all its development stages. Besides nematodes, it eliminates cestodes, controlling ectoparasites such as leg mites, red mites, skin and tail mites and as a treatment for lice infestation.

**Dosage and Administration:** Broilers: 300 g / T. Layers: 600 g / T. Reproduction: 1.2 kg / T

**Commercial Presentation:** 15 g, 100 g, 1 kg, 10 kg y 20 kg.



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## Parasiticides

### Gallonil® Topical Solution

Broad-spectrum and residual effect parasiticide

**Composition:** Fipronil 1.25 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment and control of infestations of ectoparasites (lice, fleas, mites and ticks). It prevents reinfestations and rapidly eliminates stress in roosters produced by the annoyance caused by ectoparasites, due to loss of blood, itching and allergic reactions to bites. Its residual effect prevents reinfestations for a minimum period of 45 days.

**Dosage and Administration:** 8 mL/kg. Apply against feathers, covering evenly all the animal.

**Commercial Presentation:** Spray x 110 mL and 275 mL.



### iverQuest® Oral Gel

Oral endectocide exclusive for horses

**Composition:** Ivermectin 1.75 g, excipients q.s. ad 100 g.

**Indications:** Broad spectrum endectocide to be administered as flavored oral gel, effective in the control of internal (gastrointestinal and pulmonary nematodes) and external parasitosis, such as lice and myiasis problems in horses. The special formula of iverQuest® provides a pleasant apple flavor, which makes a very likeable gel that facilitates the complete dosage.

**Dosage and Administration:** The 6.84 g syringe has 6 notches. Each notch doses product for 100 kg of b.w. Administer orally.

**Commercial Presentation:** Dosing syringe x 6.84 g.



### iverQuest® duo Oral Paste

Oral endectocide exclusive for horses

**Composition:** Ivermectin 1.78 g, Praziquantel 22.29 g, excipients q.s. ad 100 g.

**Indications:** Broad spectrum endectocide, effective in the control of internal (gastrointestinal and pulmonary nematodes, and taenias) and external parasitosis, such as lice and myiasis problems in horses. It contains praziquantel, the most effective antiparasitic against immature and adult forms of all types of taenia; when it is at its highest dosage (2.5 mg/kg of b.w.) it has effect in the control and treatment of *Anoplocephala* spp. The special formula of iverQuest® duo provides a pleasant apple flavor, which makes a very likeable paste that facilitates the complete dosage.

**Dosage and Administration:** The 6.73 g syringe has 6 notches. Each notch doses product for 100 kg of b.w. Administer orally.

**Commercial Presentation:** Dosing syringe x 6.73 g.





## Moxidect<sup>®</sup> Onyx Injectable Solution

Endectocide action up to 6 months

**Composition:** Moxidectin 100 mg, excipients q.s. ad 1 mL.

**Indications:** Endectocide with effect against internal parasites: gastrointestinal and pulmonary nematodes in mature and immature stages; external parasites: mites, lice, ticks and diptera.

**Dosage and Administration:** 1 mL for each 100 kg of b.w. Apply through subcutaneous route to the dorsal surface of the proximal third of the ear of the animal.

**Commercial Presentation:** Bottle x 10 mL, 20 mL, 50 mL, 100 mL, 250 mL and 500 mL.



## Moxipride<sup>®</sup> Multi Drop On Topical Solution

Antiparasitic Association of Integral Effect against Nematodes, Tapeworms and Ectoparasites and their Immature Forms

**Composition:** Each 100 mL contains: Moxidectin 2.5 mL. Imidacloprid 10 mL. Pyriproxyfen 0.5 mL. Praziquantel 8 mL Excipients c.s.p 100 mL.

**Indications:** For the treatment and prevention of infestations by external parasites: Ctenocephalides spp. and its immature forms (can be used as part of the strategic treatment of flea allergic dermatitis), control of mites in the environment, treatment of sarcoptic mange, ticks (*Dermacentor variabilis*, *Rhipicephalus sanguineus*) and ear mites (*Otodectes cynotis*). For the treatment and prevention of nematode infestations (*Toxocara* spp.), Intestinal hookworms (*Ancylostoma tubaeforme*), prevention of heartworm disease caused by *Dirofilaria immitis*, treatment and prevention of tapeworms (*Taenia taeniaeformis*, *Dipylidium caninum* among others).

**Dosage and Administration:** Topical way. Up to 4 kg: a 0.4 mL pipette. From 4 - 10 kg: a 1 mL pipette 10-25 kg: a 2.5 mL pipette 25 - 40 kg: a 4 mL pipette.

**Commercial Presentation:** 0.4 mL, 1 mL, 2.5 mL, 4 mL pipette.



## moxiQuest<sup>®</sup> Duo Oral Paste

Association Palatable Systemic Antiparasitic of Integral Effect against Nematodes, Tapeworms and Ectoparasites

**Composition:** Each 100 g contains: Moxidectin 35,678 mg. Praziquantel 222,894 mg Excipients c.s.p 100 g.

**Indications:** For the treatment and control of internal parasitosis (gastrointestinal, pulmonary and tapeworm nematodes) and external parasites in horses, such as, strongyles, small strongyles (adults and larvae including encysted stages) and other internal round parasites, tapeworms, habronemiasis, stomach worms, roundworms, lice, myiasis and as an aid in tick control.

**Dosage and Administration:** Oral route at a rate of 0.4 mg / kg of moxidectin and 2.5 mg / kg of praziquantel (in practice 1 g / 89.2 kg, so that the 6.73 g graduated syringe reaches 600 kg of live weight).

**Commercial Presentation:** Syringe x 6.73 g.



## Parasitides

### ProGuard® 4 Oral Past

Broad- spectrum palatable antiparasitic

**Composition:** Praziquantel 25 mg, febantel 75 mg, pyrantel pamoate 72 mg, ivermectin 0.03 mg, excipients q.s.ad. 1 mL.

**Indications:** The antiparasitic combination of its components acts effectively against cestodes (taenia), nematodes (roundworms) and *Dirofilaria immitis* larvae, on dogs and cats, showing a broad spectrum on mixed infections. Its pleasant flavor makes the dosage easy because dogs, as well as cats, ingest it easily, avoiding direct contact with the mouth of the animals to be treated. Due to its praziquantel content, it is the drug of choice in the treatment of cestode. When administered on high doses, it is effective against immature stages of the intermediate host; and thanks to its content of febantel, it is considered the drug of choice for the treatment of Giardiasis.

**Dosage and Administration:** 1 mL per each 5 kg of b.wt. Oral route. Dogs and cats are reinfested normally with parasites; therefore, it is necessary to carry out an antiparasitic schedule.

**Commercial Presentation:** Dosing syringe of 2 mL, 5 mL, and 10 mL.

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### Nitronix® 34 Injectable Solution

Fasciolicide, nematicide and oestricide

**Composition:** Nitroxynil 340 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment, control and prophylaxis of internal parasitosis (produced by adult and immature forms of gastrointestinal nematodes and trematodes) and external parasitosis (oestrosis in sheep).

**Dosage and Administration:** *Fasciola hepatica* and *F. gigantica*: 1 mL/50 kg de b.w., *Haemonchus contortus*, *Oesophagostomum* spp., *Bunostomum* spp., *Ancylostoma caninum* and *Uncinaria* spp.: 1.5 mL/50 kg of b.w., severe acute fasciolosis and oestrosis in sheep: 2 mL/50 kg of b.w. Apply exclusively through subcutaneous route.

**Commercial Presentation:** Bottle x 50 mL and 250 mL.

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### Oxantel® 5 Oral Tablet

Internal parasiticide

**Composition:** Oxibendazole 65 mg, Praziquantel 37.50 mg, excipients q.s. ad 1 tablet.

**Indications:** Praziquantel is the most effective antiparasitic against immature and adult forms of all types of taenia. It is effective against *Echinococcus granulosus* and *Dipylidium caninum*, among other cestoda. Oxibendazole is a broad spectrum anthelmintic that has activity against many nematodes like *Toxocara canis*, *T. leonina* and *Ancylostoma caninum*, among others. It is an atoxic product recommended for dogs and cats, including pregnant animals.

**Dosage and Administration:** 1 tablet/5 kg of b.w. Administer orally.

**Commercial Presentation:** Bottle x 30 and 100 units.



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## Oxantel® Gel Oral Suspension

Multi-spectrum parasiticide

**Composition:** Oxibendazole 65 mg, Praziquantel 37.5 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment and control of mixed infections produced by nematodes (*Toxocara canis*, *T. cati*, *Toxascaris leonina*, *Ancylostoma caninum*, *Uncinaria stenocephala* and *Trichuris vulpis*) and taenias (*Dipylidium caninum*, *Taenia* spp. and *Echinococcus granulosus*) in dogs and cats.

**Dosage and Administration:** 1 mL/5 kg of b.w. Administer orally.

**Commercial Presentation:** Dosing syringe x 2 mL, 5 mL and 10 mL.



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## Porcimec® 2 Px Premix

Broad spectrum antiparasitic specific for pigs

**Composition:** Each 100 g contains: Ivermectin 1 g, fenbendazole 10 g excipients q.s.ad 100 g.

**Indications:** For the treatment and prevention of internal and external parasitic infections in pigs. Anthelmintic endectocide of dual oral action of broad spectrum with ovicidal, larvicidal, adulticidal action. Treatment against arthropod or nematode infections due to: Gastrointestinal roundworms: *Ascaris suum* (adults and L4), *Hyostrogylus rubidus* (adults and L4), *Oesophagostomum* spp. (adults and L4), *Strongyloides ransomi* (adults). Lung: worms *Metastrongylus* spp. (adults). Lice: *Haematopinus suis*. Scabies mites: *Sarcoptes scabiei* var. suis.

**Dosage and Administration:** Fattening pigs: up to 40 kg of b.w – 200 g / MT of feed; from 40 kg to 70 kg of b.w – 240 g / MT of feed; from 70 kg to more – 270 g / MT of feed. Sows: 400 g / MT for 7 days.

**Commercial Presentation:** 15 g, 100 g, 1 kg, 10 kg y 20 kg.

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## Profelis® Drop On Topic Solution

Powerful Ultra-Fast Effect Ectoparasiticide, only for cats

**Composition:** Dinotefuran 110 mg, fipronil 45 mg, pyriproxyfen 15 mg, excipients q.s.ad. 1 mL.

**Indications:** Indicated for the prevention and treatment of infestation by fleas, ticks, mites, and lice in cats. Adulticide action in infested animals and prevention of new infestations for at least one month. Effective on *Ctenocephalides felis* and *Ctenocephalides canis*. It interferes with the hatching of eggs and inhibits the transformation of immature fleas into adults, avoiding the reproduction of fleas for at least 60 days. It acts against ticks: *Rhipicephalus sanguineus*, *Ixodes ricinus*, *Ixodes scapularis*, *Dermacentor variabilis* and *Dermacentor reticulatus*. Lice action (adulticide and larvicide): *Felicola subrostratus*. Acaricide action against *Otodectes cynotis*.

**Dosage and Administration:** External use: 1 mL per animal (weight higher than 750 g and age greater than 8 weeks). It is not recommended to bathe the animal with shampoo within 48 hours after the application.

**Commercial Presentation:** Box of 5 pipettes of 1 mL.



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## Parasiticides

### Proventis® 10 Oral Tablet

Ectoparasiticide in palatable tablets based on natural compounds with environmental effect

**Composition:** Each tablet contains: spinosad 300.00 mg, lufenuron 100.00 mg, excipients q.s.ad. 1 tablet.

**Indications:** Dual effect external antiparasitic for dogs, in palatable tablets. It has adulticidal action due to the spinosad natural component and has lufenuron, an insect growth regulator (IGR), offering the most effective association for the integral control of fleas and ticks in dogs and puppies from the fourteenth week of age. The addition of lufenuron gives residual effectiveness against eggs and flea larvae, which turns into an environmental control of adult fleas since by attacking their life cycle at different points it prevents them from reinfesting the pet and its environment.

**Dosage and Administration:** Oral route administration. One tablet per each 10 kg b.w. For the control against ticks, it should be administered at the rate of 2 tablets per 10 kg b.w., every 60 days.

**Commercial Presentation:** Box of 5 tablets.



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### Proventis® 20 Oral Tablet

Ectoparasiticide in palatable tablets based on natural compounds with environmental effect

**Composition:** Each tablet contains: spinosad 600.00 mg, lufenuron 200.00 mg, excipients q.s.ad. 1 tablet.

**Indications:** Dual effect external antiparasitic for dogs, in palatable tablets. It has adulticidal action due to the spinosad natural component and has lufenuron, an insect growth regulator (IGR), offering the most effective association for the integral control of fleas and ticks in dogs and puppies from the fourteenth week of age. The addition of lufenuron gives residual effectiveness against eggs and flea larvae, which turns into an environmental control of adult fleas since by attacking their life cycle at different points it prevents them from reinfesting the pet and its environment.

**Dosage and Administration:** One tablet per each 20 kg b.w.. For the control against ticks, it should be administered at the rate of 2 tablets per 20 kg b.w., every 60 days.

**Commercial Presentation:** Box of 5 tablets.



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### Proventis® 30 Oral Tablet

Ectoparasiticide in palatable tablets based on natural compounds with environmental effect

**Composition:** Each tablet contains: spinosad 900.00 mg, lufenuron 300.00 mg, excipients q.s.ad. 1 tablet.

**Indications:** Dual effect external antiparasitic for dogs, in palatable tablets. It has adulticidal action due to the spinosad natural component and has lufenuron, an insect growth regulator (IGR), offering the most effective association for the integral control of fleas and ticks in dogs and puppies from the fourteenth week of age. The addition of lufenuron gives residual effectiveness against eggs and flea larvae, which turns into an environmental control of adult fleas since by attacking their life cycle at different points it prevents them from reinfesting the pet and its environment.

**Dosage and Administration:** One tablet per each 30 kg b.w. For the control against ticks, it should be administered at the rate of 2 tablets per 30 kg b.w., every 60 days.

**Commercial Presentation:** Box of 5 tablets.



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## Teniquantel® 10 con Cobalto Oral Suspension

Internal parasiticide - Taenicide reinforced with cobalt

**Composition:** Praziquantel 100 mg, Cobalt sulfate 16 mg, excipients q.s. ad 1 mL.

**Indications:** For the simultaneous treatment and control of all taeniasis. It contains praziquantel, the most powerful existing taenicide, and includes the microelement cobalt in its formula, which offers direct action in preventing anemia.

**Dosage and Administration:** Sheep, goats and cattle: 10 mL/100 kg of b.w.; camelids: 1 mL/20 kg of b.w.; horses: 1 mL/33 kg of b.w.; dogs and cats: 1 mL/20 kg of b.w. Administer orally.

**Commercial Presentation:** Bottle x 1 L.



## Tri-ABZ® 22 Oral Suspension

Broad-spectrum parasiticide combination

**Composition:** Triclabendazole 120 mg, Albendazole 100 mg, excipients q.s. ad 1 mL.

**Indications:** For the simultaneous treatment and control of all internal parasitosis: gastrointestinal and pulmonary nematodes, taenias and *Fasciola hepatica* (early immature, immature and adult stages).

**Dosage and Administration:** Cattle: 5 mL/50 kg of b.w.; sheep, goats, camelids and horses: 1 mL/10 kg of b.w. Administer orally.

**Commercial Presentation:** Dosing syringe x 30 mL, sachet x 30 mL, bottle x 500 mL and 1 L.



## Tri-ABZ® 8.75 Oral Suspension

Full-spectrum internal parasiticide

**Composition:** Triclabendazole 50 mg, Albendazole 37.5 mg, excipients q.s. ad 1 mL.

**Indications:** For the simultaneous treatment and control of all internal parasitosis: gastrointestinal and pulmonary nematodes, taenias and *Fasciola hepatica* (early immature, immature and adult stages).

**Dosage and Administration:** 1 mL/5 kg of b.w. Administer orally.

**Commercial Presentation:** Bottle x 1 L.



## Parasiticides

### Tri-FBZ® 17 Oral suspension

Broad Spectrum Antiparasitic Association

**Composition:** Each 1 mL contains: Triclabendazole 120 mg. Fenbendazole 50 mg  
Excipients c.s.p 1 mL.

**Indications:** For the simultaneous treatment and control of all internal parasitosis: gastrointestinal, pulmonary nematodes, including cases of acute, subacute and chronic fascioliasis, tapeworms and nematodes sensitive to triclabendazole and fenbendazole.

**Dosage and Administration:** Oral route, 1 mL per 10 kg of live weight. Treatment may be repeated if necessary at the discretion of the veterinarian.

**Commercial Presentation:** 30 y 500 mL, 1 y 3.9 L.



### TrivanteL® 10 Oral suspension

Integral Fasciolicide

**Composition:** Each 100 mL contains: Triclabendazole 10 g, excipients c.s.p. 1 mL.

**Indications:** For the treatment and control of *Fasciola hepatica* (liver fluke), including cases of acute, subacute and chronic fascioliasis. Its action eliminates mature and immature forms (including early immature) of *Fasciola hepatica*.

**Dosage and Administration:** Cattle: 1 mL / 12.5 kg of p.v. ; sheep, camelids and horses: 1 mL / 15 kg of p.v. Administer orally.

**Commercial Presentation:** 30 and 500 mL, 1 and 3.9 L.



### TrivanteL® 15 Oral Suspension

Integral fasciolicide in high concentration

**Composition:** Triclabendazole 150 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment and control of *Fasciola hepatica* (alicuya), including cases of acute, subacute and chronic fascioliasis. Its action eliminates the mature and immature forms (including the early immature form) of *Fasciola hepatica*.

**Dosage and Administration:** Cattle: 1 mL/12.5 kg of b.w.; sheep, camelids and horses: 1 mL/15 kg of b.w. Administer orally.

**Commercial Presentation:** Dosing syringe x 30 mL, sachet x 30 mL, bottle x 500 mL and 1 L.





## Triventor® 4 Oral Suspension

Full-spectrum internal and external parasiticide

**Composition:** Triclabendazole 120 mg, Fenbendazole 50 mg, Praziquantel 100 mg, Ivermectin 2 mg, excipients q.s. ad 1 mL.

**Indications:** For the control of internal and external parasitosis. Its spectrum includes gastrointestinal and pulmonary nematodes and *Fasciola hepatica* (early immature, immature and adult stages). The action of fenbendazole and praziquantel broadens the spectrum to taenias. Due to the action of ivermectin, the spectrum also includes ectoparasites like scabies mites, sucking lice, larvae of flies causing myiasis and ticks, among others.

**Dosage and Administration:** Cattle: 5 mL/50 kg of b.w.; sheep, goats and camelids: 1 mL/10 kg of b.w. Administer orally.

**Commercial Presentation:** Dosing syringe x 30 mL, bottle x 1 L.



## Triverfén® 10.1 Oral Suspension

Full-spectrum parasiticide

**Composition:** Triclabendazole 50 mg, Ivermectin 1 mg, Fenbendazole 50 mg, excipients q.s. ad 1 mL.

**Indications:** For the simultaneous treatment and control of all internal parasitosis (gastrointestinal and pulmonary nematodes, including cases of acute, subacute and chronic fasciolosis, taenias and nematodes resistant to benzimidazoles and ivermectin), as well as for the treatment and control of sucking ectoparasites (and helping also in the control of flies).

**Dosage and Administration:** 1 mL/5 kg of b.w. Administer orally.

**Commercial Presentation:** Bottle x 250 mL, 500 mL and 1 L.



## Triverfén® 22.2 Oral Suspension

Full-spectrum parasiticide

**Composition:** Triclabendazole 120 mg, Ivermectin 2 mg, Fenbendazole 100 mg, excipients q.s. ad 1 mL.

**Indications:** For the simultaneous treatment and control of all internal parasitosis (gastrointestinal and pulmonary nematodes, including cases of acute, subacute and chronic fasciolosis, taenias and nematodes resistant to benzimidazoles and ivermectin), as well as for the treatment and control of sucking ectoparasites (and helping also in the control of flies).

**Dosage and Administration:** Cattle and horses: 50 mL/50 kg of b.w.; sheep, goats and camelids: 1 mL/10 kg of b.w. Administer orally.

**Commercial Presentation:** Sachet x 30 mL, dosing syringe x 30 mL, bottle x 250 mL, 500 mL, 1 L and 3.9 L.



## Parasiticides

### Ultrametrin® 600 Emulsifiable Concentrate

Pyrethroid-phosphorous potentialized association

**Composition:** Cypermethrin 100 mg, Ethion 400 mg, Piperonyl butoxide 100 mg, excipients q.s. ad 1 mL.

**Indications:** The product combats the common cattle tick *Boophilus microplus* and other tick species. It also controls a number of biting insects like horn flies, stable flies, mosquitos and horseflies, as well as mites, lice and fleas, among others. Its residual action lasts up to 4 weeks.

**Dosage and Administration:** For immersion baths: Initial dilution: 1 L/1000 L of fresh or salty water. Replenishment: 1.5 L/1000 L of water. Both operations to be performed when the level in the bath is reduced in 10% of its original level. Dry restrengthening: 0.5 L/1000 L of water consumed in the bath. This is done in order to not having to replenish the water consumed. For sprinkling animals: 1 L/1000 L of water (apply the final sprinkling emulsion using approximately 1 L/100 kg of b.w.). For spraying in buildings and facilities: 1 mL/1 to 2 L of water (1 L of the final emulsion per 10 to 15 m<sup>2</sup> of surface to be treated).

**Commercial Presentation:** Bottle x 20 mL, 100 mL, 250 mL, 500 mL and 1 L.



### Ultrametrin® Pour On Topical Solution

Pyrethroid-phosphorous potentialized association

**Composition:** Cypermethrin 50 mg, Ethion 150 mg, Piperonyl butoxide 50 mg, excipients q.s. ad 1 mL.

**Indications:** For the control of horn flies, stable flies, mosquitos, horseflies and ticks. It also controls *Melophagus ovinus*, mites, sucking and biting lice, among others. Its action extends to insects resistant to one of the components separately. Its residual action lasts up to 4 weeks.

**Dosage and Administration:** Apply in linear form from the withers to the lumbar zone. Cattle: 10 mL/animal. Animals from 100 to 200 kg: 5 mL. For animals of more than 400 kg: 20 mL/animal. Goats, sheep and camelids: up to 45 days post shearing: 5 mL/animal. After 45 days post shearing: 6 to 7 mL/animal. If the animal has long fur, open the fleece and apply directly on the skin. Pigs: 5 mL/animal. Horses: 20 mL/animal, distributing 10 mL in the midline between the withers and the croup, and 5 mL in each flank. In case of severe infestation, the dose can be increased. Epicutaneous route.

**Commercial Presentation:** Bottle x 500 mL, and 1 L.



### Vetamisole 120® Injectable Solution

Internal parasiticide - Broad-spectrum antihelmintic

**Composition:** Levamisole HCl 120 mg, excipients q.s. ad 1 mL.

**Indications:** For the control and treatment of internal parasitosis (pulmonary, gastric and intestinal).

**Dosage and Administration:** 1 mL/20 kg of b.w. (a dose of 22 mL should be administered to animals weighing more than 450 kg). Apply through subcutaneous or intramuscular route.

**Commercial Presentation:** Bottle x 100 mL and 250 mL.





## Xelamec® Spot On Dermal solution

Topical endectocide

**Composition:** TSelamectin 60 mg, excipients q.s.ad. 1 mL.

**Indications:** Antiparasitic agent for the control and treatment of intestinal worms, heartworm, mange and ear mites, adult fleas, larvae and their eggs, ticks and lice. It is indicated in dogs and cats for the treatment and prevention of infestations produced by *Ctenocephalides felis*. The product can be used as part of the strategic treatment of flea allergy dermatitis. It has adulticidal, ovicidal and larvicidal activity against fleas. Therefore, it effectively breaks the life cycle of the flea by killing the adult forms in the animal, preventing the incubation of eggs in the animal and its environment and killing the larvae from the environment. Xelamec® prevents the heartworm disease caused by *Dirofilaria immitis* based on a monthly administration. It provides treatment and control of parasitic otitis produced by *Otodectes cynotis*. In dogs: it controls infestations by ticks *Rhipicephalus sanguineus*, *Dermacentor variabilis* (American tick) and chewing lice (*Trichodectes canis*). It is used for the treatment of sarcoptic mange caused by *S. scabiei*, and for the treatment of adult round intestinal vermes (*Toxocara canis*). In cats: treatment of adult round intestinal vermes (*Toxocara cati*) and of intestinal parasites with hooks (*Ancylostoma tubaeforme*); as well as treatment of chewing lice (*Felicola subrostratus*).

**Dosage and Administration:** External use. At a rate of 6 mg/kg, which is equivalent to: 1 pipette of 0.25 mL (15 mg of selamectin) up to 2.5 kg; 1 pipette of 0.50 mL (30 mg of selamectin) from 2.6 to 5 kg; 1 pipette of 1 mL (60 mg of selamectin) from 5.1 to 10 kg; 1 pipette of 2 mL (120 mg of selamectin) from 10.1 to 20 kg; 1 pipette of 4 mL (240 mg of selamectin) from 20.1 to 40 kg. Apply all the content of the pipette directly on the dry skin of the animal, on the nape or cross, without discharging it on the fur. It can be administered immediately after the bath, once the animal is dried. The animal can be bathed after two hours of the application.

**Commercial Presentation:** Boxes of 5 pipettes of: 0.25 mL, 0.50 mL, 1.0 mL, 2.0 mL or 4.0 mL.



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## Xelamec® Combi Spot On Topical Solution

Systemic Antiparasitic Association of Integral Effect against Ectoparasites, Nematodes and Tapeworms

**Composition:** Each 100 mL contains: Selamectin 6 g. Praziquantel 8 g, excipients c.s.p 100 mL.

**Indications:** For the treatment and prevention of infestations by external parasites: *Ctenocephalides* spp. (can be used as part of the strategic treatment of flea allergic dermatitis), treatment of sarcoptic mange, ticks (*Dermacentor variabilis*, *Rhipicephalus sanguineus*) and ear mites (*Otodectes cynotis*). For the treatment and prevention of nematode infestations (*Toxocara* spp.), intestinal hookworms (*Ancylostoma tubaeforme*), prevention of heartworm disease caused by *Dirofilaria immitis*. For the treatment and prevention of tapeworms (*Taenia taeniaeformis*, *Dipylidium caninum*, among others).

**Dosage and Administration:** Up to 2.5 Kg a pipette x 0.25 mL. From 2.5 to 5 kg a pipette x 0.5 mL. From 5 to 10 kg a pipette x 1 mL. From 10 to 20 kg a pipette x 2 mL. From 20 to 40 kg a pipette x 4 mL.

**Commercial Presentation:** Pipette x 0.25 mL, 0.5 mL, 1 mL, 2 mL and 4 mL.



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A close-up photograph of two camels. The camel on the left is in the foreground, looking directly at the camera with its head slightly tilted. The camel on the right is slightly behind and to the side, also looking towards the camera. Both camels have light brown, shaggy fur. The background is a clear, bright blue sky.

# Worldwide Export

Agrovet Market has positioned its products globally, being present in countries of Latin America, Asia, Africa and Eastern Europe. Alliances in 50 countries have made us one of the main veterinary laboratories and leading exporter of this field in Peru.





# Anti-inflammatories

Line of large animals am

Line of companion animals ac

Line of poultry and swine av



## Anti-inflammatories

### Carprodyl® 25 Oral Tablet

Non-steroidal anti-inflammatory for small and medium dogs

**Composition:** Carprofen 25 mg, excipients q.s. ad 1 tablet.

**Indications:** Non-steroidal anti-inflammatory (NSAID) with anti-inflammatory, analgesic and antipyretic properties. Effective for relief of pain and inflammation associated to the muscle-skeletal system. It has demonstrated to be clinically effective in relief of symptoms associated to osteoarthritis in dogs, and is recommended in cases of synovitis, bursitis, arthritis, tendinitis, sprains, sacroiliac sub-luxations, traumatic injuries, post-surgery care, among others.

**Dosage and Administration:** 1 tablet/11 kg of b.w. twice a day. The extension of the treatment will depend on the reaction observed. The veterinary doctor has to evaluate the state of the animal 14 days after initiating the therapy. Administer orally.

**Commercial Presentation:** Bottle x 40 tablets.



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### Carprodyl® 100 Oral Tablet

Non-steroidal anti-inflammatory for medium and large dogs

**Composition:** Carprofen 100 mg, excipients q.s. ad 1 tablet.

**Indication:** Non-steroidal anti-inflammatory (NSAID) with anti-inflammatory, analgesic and antipyretic properties. Effective for relief of pain and inflammation associated to the muscle-skeletal system. It has demonstrated to be clinically effective in relief of symptoms associated to osteoarthritis in dogs, and is recommended in cases of synovitis, bursitis, arthritis, tendinitis, sprains, sacroiliac sub-luxations, traumatic injuries, post-surgery care, among others.

**Dosage and Administration:** 1 tablet/45 kg of b.w. twice a day. The extension of the treatment will depend on the reaction observed. The veterinary doctor has to evaluate the state of the animal 14 days after initiating the therapy. Administer orally.

**Commercial Presentation:** Bottle x 20 tablets.

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### Cortifen 200.25® | Dexabutazon® 200.25

Injectable Solution

Anti-inflammatory, antipyretic and analgesic

**Composition:** Phenylbutazone 200 mg, Dexamethasone 21 phosphate 0.33 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment of primary type affections of the locomotive system and coadjuvant to antibiotherapy treatment of infectious arthritis. It is also indicated in inflammatory processes that are common to osteopathies, adenopathies, neuropathies and mastitis, reducing the congestive process and painful symptoms that come along.

**Dosage and Administration:** Cattle and horses: 30 mL the first day, 20 mL the second day and then 10 mL per day during 4 - 6 days (half the dose in young animals); sheep and goats: 5 mL/animal/day during 2 days; pigs of 20 - 50 kg of b.w.: 5 mL/animal/day during 5 days; of 50 - 100 kg of b.w.: 10 mL/animal/day during 2 days; of more than 100 kg of b.w.: 15 mL the first day and then 10 mL per day during 4 - 6 days; companion animals: 1 mL/15 kg of b.w. per day during 5 days. Apply through deep intramuscular or intravenous route.

**Commercial Presentation:** Bottle x 10 mL, 20 mL, 50 mL, 100 mL, 250 mL and 500 mL.



agrovetmarket  
animalhealth

am ac





## Duo-Dexalong® | Duovetasona

Injectable Suspension

Dual corticoid - fast action and extended effect

**Composition:** Dexamethasone 21 sodium phosphate 3.2 mg, Dexamethasone acetate monohydrate 3.63 mg, excipients q.s. ad 1 mL.

**Indications:** Whenever a rapid and long-lasting corticosteroid action is required. It is also indicated in cases of nutritional syndromes, metabolic disorders, non-infectious inflammatory syndromes (synovitis, bursitis, arthritis, tendinitis, traumatic injuries, among others). It is associated to antibiotherapy treatment in cases of osteoarthritis, lymphangitis, arthritis, bronchopneumonia, septicemia, mastitis and urogenital tract infections, among others.

**Dosage and Administration:** Cattle, sheep, goats and horses: 2.5 - 10 mL; pigs: 0.5 - 1 mL; dogs: 0.125 - 0.5 mL; cats: 0.06 - 0.125 mL. In joints, synovial bursa and sheath: 1 - 2 mL for large animals; peritendinous infiltrations: 10 mL for large animals and 2 - 3 mL for companion animals. Apply through intramuscular, subcutaneous or intrasynovial route.

**Commercial Presentation:** Bottle x 100 mL.



## Febralgina® Compuesta | Piralgina Compuesta

Injectable Solution

Antipyretic, antispasmodic, analgesic and anti-inflammatory

**Composition:** Dipyrone 500 mg, Sodium salicylate 20 mg, excipients q.s. ad 1 mL.

**Indications:** Synergistic association between a pirazolon derivative and a derivative of salicylic acid with powerful analgesic, antipyretic, antispasmodic (spasmolytic on smooth and striated muscle) and antirheumatic effect. Adequate for use in spasmodic colic (intestinal and urinary), neuralgia, laminitis, osteoarticular and muscular pain, gastritis (in small animals: prevention of vomiting), among others.

**Dosage and Administration:** Cattle and horses: 20 - 60 mL; foals and calves: 5 - 15 mL; sheep, goats and camelids: 2 - 8 mL; pigs: 10 - 30 mL; dogs: 1 - 5 mL. Apply through intramuscular or intravenous route.

**Commercial Presentation:** Bottle x 20 mL, 50 mL and 100 mL.



## Fenbuta® 200 | Butazon 200

Injectable Solution

Anti-inflammatory, antipyretic and analgesic

**Composition:** Phenylbutazone 200 mg, excipients q.s. ad 1 mL.

**Indications:** In traumatic and inflammatory musculoskeletal conditions of non-infectious origin: rheumatic arthritis, tendinitis, myositis, synovitis, bursitis, periostitis, sprains, dislocations, muscle injuries, lameness, fractures, bruises, navicular disease, etc. In cases of muscle overstrain, enzootic pneumonia, mastitis, ketosis and whenever an anti-inflammatory and antipyretic effect is necessary.

**Dosage and Administration:** Horses: 2.5 - 4 mL/100 kg on first day, then 1 - 2 mL/100 kg during 6 - 8 days; cattle, pigs, sheep, goats and camelids: 5 - 10 mL/100 kg on first day, then 1.25 - 2.5 mL/100 kg; dogs: 1 mL/10 kg/day, 2 - 3 times/day; puppies: 0.1 - 0.3 mL/kg; cats: 0.3 mL/animal. Apply through deep intramuscular or intravenous route.

**Commercial Presentation:** Bottle x 100 mL.



## Anti-inflammatories

### Flunimine® | Flunix Injectable Solution

Anti-inflammatory, antipyretic, anti-toxic and non-steroidal analgesic.  
Specifically indicated for visceral pain.

**Composition:** Flunixin meglumine 50 mg, excipients q.s. ad 1 mL.

**Indications:** Cattle and small ruminants: acute inflammation associated with diseases of the respiratory tract, acute mastitis, post partum paresis, downer cow syndrome, babesiosis and anaplasmosis. Anti-endotoxic in pneumonia, diarrhea, colic and mastitis. Horses: Treatment of choice in horse colic (intestinal anti-inflammatory and anti-endotoxic). Treatment of acute inflammation in cases of musculoskeletal disturbances. Coadjuvant in acute respiratory disease. Pigs: treatment associated to MMA syndrome (mastitis-metritis-agalactia), fever and inflammation of the locomotive system.

**Dosage and Administration:** Cattle, sheep, goats, camelids and pigs: 1 - 2 mL every 24 hours for 3 - 5 days; horses: 1 mL/45 kg of b.w. every 24 hours for 2 days, dogs: 0.1 mL for each 5 kg of body weight.

**Commercial Presentation:** Bottle x 100 mL.



### Tolfén L.A. 8%® | Tolfemax A.P. 8%

Injectable Solution

Long-acting non-steroidal anti-inflammatory

**Composition:** Tolfenamic acid 80 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment of acute mastitis in cattle (tolfenamic acid is the only NSAID approved for treatment of mastitis with one single injection), acute bacterial respiratory diseases, mastitis-metritis-agalactia syndrome, always in association with an antibiotic therapy. It is also effective in any pathology that presents fever, inflammation and/or pain (anti-inflammatory, antitoxic, analgesic and/or antipyretic therapy).

**Dosage and Administration:** 1 mL/40 kg of b.w. by intramuscular or slow intravenous route. The dose will be effective during 48 hours. In case of very acute infection: apply a single dose of 1 mL/20 kg or a treatment with a dose of 1 mL/40 kg during 2 consecutive days through intravenous route.

**Commercial Presentation:** Bottle x 20 mL, 50 mL, 100 mL and 250 mL.



### Ubremint® Topical Cream Natural

Promoting a healthy udder

**Composition:** Japanese peppermint oil (*Mentha arvensis*) 350 mg, Winter Green oil 50 mg, Aloe Vera oil 1 mg, Eucalyptus oil 1 mg, excipients q.s. ad 1 mL.

**Indications:** For all inflammatory affections of the udder. Coadjuvant in the treatment of mastitis and post partum edema. Wounds, ulcers, scores and burns in the udder. For arthritic and rheumatic processes as well as other joint and muscle disorders. In cases of sprains, tendon strains and contusions in all animal species.

**Dosage and Administration:** Apply thoroughly on the area affected and follow with a deep massage, repeating this operation 2 - 3 times a day or according to the recommendation of the veterinary doctor. Apply topically.

**Commercial Presentation:** Bottle x 250 g and pail x 950 g.





## Vetacortina® 400 Injectable Solution

Synthetic Glucocorticoid Fast Acting and High Concentration  
Anti-inflammatory, Antiallergic and Gluconeogenic

**Composition:** Each 100 mL contain: Dexamethasone sodium phosphate 0.4 g, Excipients c.s.p 100 mL, Equivalent to 3 mg / mL dexamethasone.

**Indications:** Vetacortina® 400 is recommended in non-infectious inflammatory skeletal and muscle processes (arthritis, osteoarthritis, tendovaginitis, bursitis, dislocations, myositis and sprains, among others). Acute infectious diseases -with antibiotic therapy- (osteoarthritis, lymphangitis, arthritis, bronchopneumonia, septicemia, mastitis and urogenital tract infections, otitis, conjunctivitis, dermatitis among others). Allergic conditions: asthma, non-specific skin conditions (eczema, hives, pruritus), laminitis, snake bite, drug allergies. Autoimmune diseases (lupus erythematosus, rheumatoid arthritis and others); tumor processes and others.

**Dosage and Administration:** Intramuscular (IM), intravenous (EV) or intra-articular. Canines and felines: 0.3 - 3 mL / 10 kg. Horses, cattle, pigs: 2 - 7 mL / 100 kg, intra-articular: 1 - 5 mL. Sheep, goats, South American camelids: 0.7 - 2 mL / 50 Kg.

**Commercial Presentation:** Bottle x 50 mL, bottle x 100 mL.



## Vetacam® 50 Injectable solution

Anti-inflammatory, analgesic, antipyretic and antitoxic

**Composition:** Meloxicam 5 mg, excipients q.s. ad 1 mL.

**Indications:** Indicated to relieve swelling and pain caused by acute or chronic musculoskeletal disorders (hip dysplasia, arthritis, osteoarthritis, discospondylitis, among others). For reduction of postoperative inflammation and pain present after orthopedic and soft tissue surgeries. In diagnostic procedures generating pain: thoracocentesis, amniocentesis, etc.

**Dosage and Administration:** Dogs: usually 0.2 mg/kg (in the practice, 0.4 mL/10 kg). For musculoskeletal disorders: subcutaneous route, 0.2 mg/kg. For reduction of postoperative pain: intravenous or subcutaneous route, 0.2 mg/kg. Cats: usually 0.3 mg/kg (in the practice, 0.3 mL/5 kg). For reduction of postoperative pain: subcutaneous route, 0.3 mg of meloxicam/kg.

**Commercial Presentation:** Bottle of 50 mL, 100 mL, and 250 mL.



## Vetacam® 200 Injectable solution

Nonsteroidal anti-inflammatory. Injectable solution with anti-inflammatory, analgesic and antipyretic action; COX-2 selective

**Composition:** Meloxicam 20 mg, excipients q.s. ad 1 mL.

**Indications:** Bovines: Used for the reduction of clinical signs of acute respiratory infections in cattle, together with adequate antibiotic therapy. Indicated for the reduction of clinical signs of diarrhea in calves over one week old and young non-lactating calves in combination with oral rehydration therapy. For postoperative pain relief in calves caused by dehorning. Swine: Used to reduce the symptoms of lameness and inflammation present in non-infectious locomotor disorders. As adjunctive therapy for the treatment of puerperal septicemia and toxemia (Mastitis-metritis-agalactia syndrome) with appropriate antibiotic therapy. Horses: For relief of inflammation and pain in both acute and chronic musculoskeletal disorders. For relief of pain associated with equine colic.

**Dosage and Administration:** Cattle: 2.5 mL / 100 kg, by subcutaneous or intravenous route in combination with appropriate antibiotics or oral rehydration therapy. Swine: 2.0 mL / 100 kg of body weight, intramuscularly, and in combination with an appropriate antibiotic.

**Commercial Presentation:** Flasks of 10mL, 20mL, 50mL, 100mL, 250mL and 500 mL.





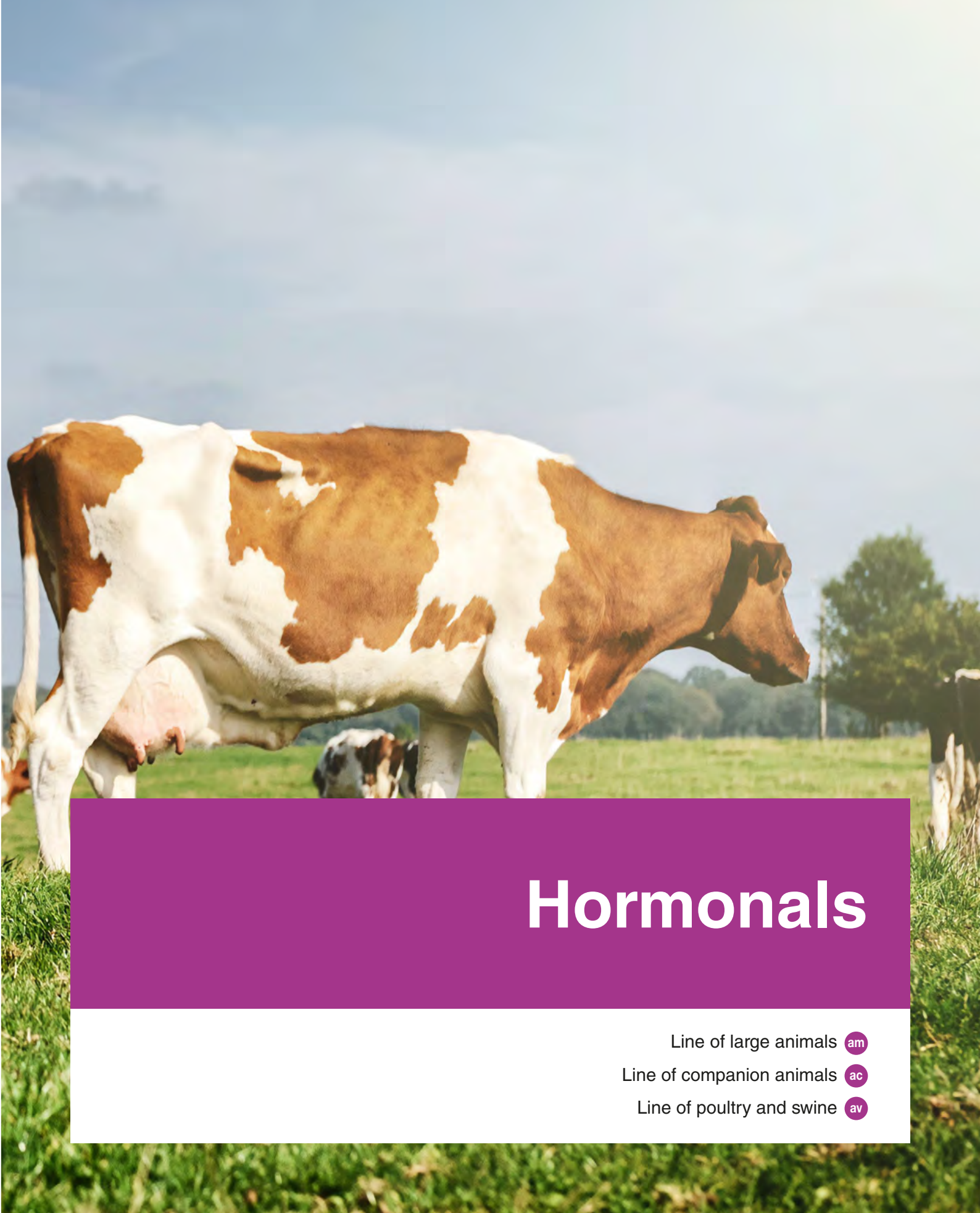
# Creativity

Hematofos B12® and our Digital Media Strategy obtained the Business Creativity Award (UPC). We celebrate these important achievements and acknowledge the team effort and commitment to innovation.







[www.agrovetmarket.com](http://www.agrovetmarket.com)



# Hormonals

Line of large animals 

Line of companion animals 

Line of poultry and swine 



## Hormonals

### Conceptase® Injectable Solution

Hormone releaser

**Composition:** Buserelin acetate 0.0084 mg, excipients q.s. ad 1 mL.

**Indications:** Synthetic analog of gonadotropin-releasing hormone (GnRH). Its effect consists on the stimulation of secretion of the hormones: luteinizing (LH) and follicle-stimulating (FSH). Indicated in cases of reduced fertility due to ovarian dysfunctions (follicular cysts, anoestrus, acycilia), and applied also for ovulation induction and improvement of conception and fecundity rate. Prevention of fecundity disorders due to premature induction of post partum cycle.

**Dosage and Administration:** Cattle: 1.25 - 2.5 mL; horses: 2.5 - 5 mL; rabbits: 0.1 mL. Apply through intramuscular route, the intravenous and subcutaneous route can also be used.

**Commercial Presentation:** Bottle x 10 mL, 50 mL and 100 mL.



### Lutaprost® 250 Injectable Solution

Luteolytic agent at reduced dose

**Composition:** Cloprostenol sodium 0.263 mg, excipients q.s. ad 1 mL.

**Indications:** Synthetic analog prostaglandin, structurally related to prostaglandin F2a. Powerful luteolytic agent that induces functional and morphological regression of the luteal body (luteolysis). After 2 to 4 days, luteolysis is followed by return to oestrus with normal ovulation. Its clinical applications can vary according to the target specie.

**Dosage and Administration:** Cows: 2 mL (intramuscular) or 1 mL (submucous-intravulvar); mares: 1 mL (intramuscular); sows: 0.7 mL (intramuscular) or 0.35 mL (submucous-intravulvar); sheep and goats: 0.6 mL (intramuscular) or 0.15 mL (submucous-intravulvar); camelids: 1 mL (intramuscular).

**Commercial Presentation:** Bottle x 10 mL, 20 mL and 30 mL.



### Oxyto-Synt® 10 Injectable Solution

Oxytonic, uterotonic and lactiferous

**Composition:** Oxytocin 10 IU, excipient q.s. ad 1 mL.

**Indications:** For stimulation of uterine contractions. Acceleration of normal labor. Prevention and treatment of uterine atony and post partum hemorrhage, retained placenta, secundines and remains of exudates. Pyometritis and endometritis. Initiation of lactation after birth (milk letdown), agalactia. Coadjuvant (or single) treatment of mastitis.

**Dosage and Administration:** Mares and cows: 4 - 8 mL; pigs: 1 - 3 mL; sheep, goats, camelids, dogs and cats: 0.3 - 1.5 mL. Apply through intramuscular or subcutaneous route. For application through endovenous route, reduce the dose to one half.

**Commercial Presentation:** Bottle x 20 mL, 50 mL, 100 mL and 500 mL.



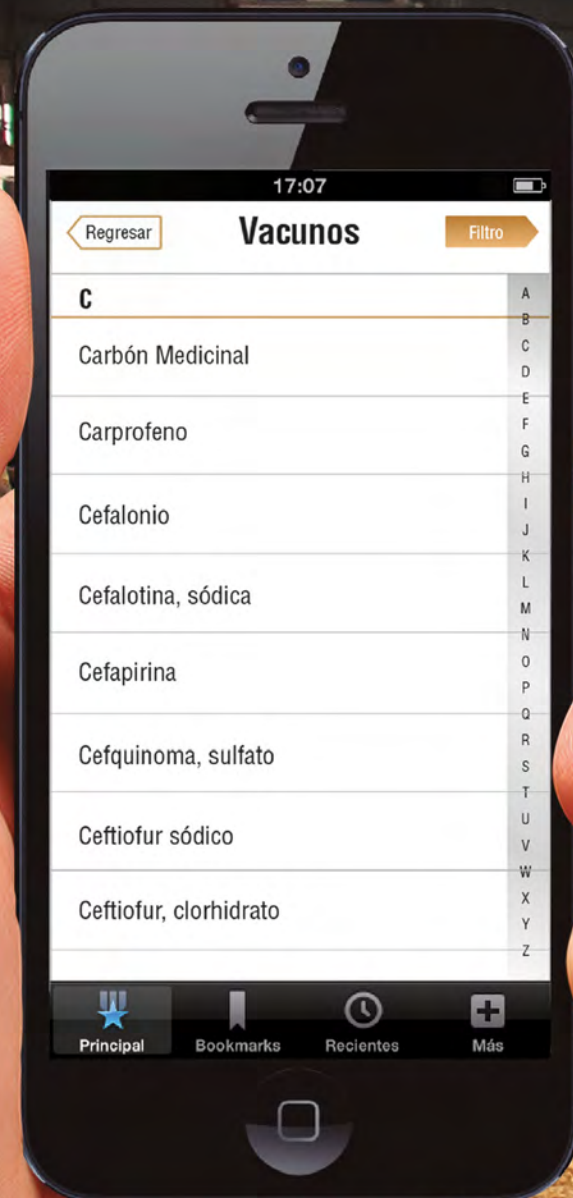






# VetHelp® Agrovet Market

Innovative tool for query and calculation, specifically developed for professionals dedicated to animal health and production. It has a wide list of principal ingredients, categorized by its pharmacological class, interactions and target specie. VetHelp® AM is a complete app: it has specialized calculators, clinical values and physiological variables according to the specie in consultation.







## Anesthetics and Tranquilizers

Line of large animals am

Line of companion animals ac

Line of poultry and swine av

## Anesthetics and tranquilizers

### Dormi-Xyl® 2 Injectable Solution

Sedative, analgesic, anesthetic and muscle relaxant

**Composition:** Xylazine (hydrochloride) 20 mg, excipients q.s. ad 1 mL.

**Indications:** Tranquilizer and analgesic action related to depression of the central nervous system. Its muscle relaxing effect is based on inhibiting the transmission of nerve impulses in the muscle. It produces marked sedation (or only tranquilization) and moderate analgesia for minor interventions. Sedation, analgesia, anesthesia and intense muscular relaxation for very painful interventions (with infiltration or regional anesthesia) or as inductor jointly with other anesthetics (i.e. ketamine).

**Dosage and Administration:** Cattle: 0.25 - 1.5 mL/100 kg of b.w. through intramuscular route; horses: 3 - 5 mL/100 kg of b.w. through intravenous route; sheep, goats and camelids: 0.15 mL/10 kg of b.w. through intramuscular route; dogs and cats: 0.15 mL/kg of b.w. through intramuscular or intravenous route (this last one recommended in dogs).

**Commercial Presentation:** Bottle x 10 mL, 20 mL and 30 mL.



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### Ket-A-100® Injectable Solution

Fast-acting dissociative anesthetic

**Composition:** Ketamine (as hydrochloride) 100 mg, excipients q.s. ad 1 mL.

**Indications:** For premedication, induction and maintenance of anesthesia. It can be used in combination with other injectable or inhalational drugs, obtaining a better anesthetic result. In short general anesthesia, for immobilization of the patient in order to perform short surgical actions or minor diagnostic procedures. In anesthesia of patients with increased risk, since it does not endanger the cardiorespiratory system of the animal. It is the choice in cesarean operations, due to the absence of fetal toxicity.

**Dosage and Administration:** Dogs: 5 - 15 mg/kg intravenous route, or 15 - 25 mg/kg intramuscular route; cats: 5 - 8 mg/kg intravenous route, or 22 - 33 mg/kg intramuscular route; horses: 2 - 5 mg/kg intravenous route or 8 - 15 mg/kg intramuscular route; cattle: 2 - 5 mg/kg intravenous route, 15 mg/kg intramuscular route, or 2 mg/kg epidural route; pigs: 2 - 5 mg/kg intravenous route, or 15 - 20 mg/kg intramuscular route; sheep: 2 - 5 mg/kg intravenous route, or 10 - 20 mg/kg intramuscular route; poultry: 12 - 70 mg/kg intramuscular route.

**Commercial Presentation:** Bottle x 20 mL, 30 mL and 50 mL.

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### Ket-A-Xyl® Injectable Solution

Anesthesia inductor - Anesthetic, tranquilizer and anticholinergic association

**Composition:** Ketamine (hydrochloride) 100 mg, Xylazine (hydrochloride) 20 mg, Atropine sulphate (monohydrate) 1 mg, excipients q.s. ad 1 mL.

**Indications:** The combination of ketamine, xylazine and atropine offers a better anesthetic result reducing the side effects. It is indicated in the induction and maintenance of anesthesia in dogs, in surgical procedures such as ovariectomy, castration, cesarean delivery, operations in abdominal cavity, dental extractions, eye operations, among others. The addition of atropine prevents the increase of salivation and other excessive secretions, avoids laryngeal spasm during endotracheal intubation and prevents bradycardic effects of ketamine.

**Dosage and Administration:** 0.5 - 1 mL/10 kg of b.w. Apply only through intramuscular route.

**Commercial Presentation:** Bottle x 20 and 30 mL.



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## Penta-Hypnol® Injectable Solution

General barbituric anesthetic

**Composition:** Pentobarbital sodium 65 mg, excipients q.s. ad 1 mL.

**Indications:** Short-acting barbiturate anesthetic. Depending on the dose, it induces sedative, hypnotic and general anesthesia effects in small species (surgical procedures lasting up to 2 hours). As sedative or hypnotic in large species. In overdose it can be administered as euthanasic. Also indicated for handling convulsive states caused by poisoning, puerperal eclampsia, epilepsy, among others.

**Dosage and Administration:** Dogs and cats: 1 mL/2.5 kg of b.w.; cattle and horses: 1 mL/15 to 65 kg of b.w.; pigs: 1 mL/2.5 kg of b.w.; goats and sheep: as sedative or inductor of anesthesia: approx. 24 mg/kg of pentobarbital sodium, with a range of 11 - 54 mg/kg. Apply through intravenous route.

**Commercial Presentation:** Bottle x 50 mL.



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## Suprivan® Injectable Emulsion

Short-action hypnotic anesthetic for intravenous use

**Composition:** Propofol 10 mg, excipients q.s. ad. 1 mL.

**Indications:** Suprivan® is recommended as a general anesthetic in short procedures in dogs and cats. In long-lasting surgeries, it can be used to induce and maintain the anesthesia by continuous infusions of the drug. In case of inhalation anesthesia, it can be used as an inducer of general anesthesia for the endotracheal intubation and as an anesthetic for ambulatory diagnosis or minor procedures (repair of lacerations, radiological procedures, minor dentistry, minor biopsies, endoscopy, among others). In addition, it can be administered for the treatment of the epileptic refractory state.

**Dosage and Administration:** Administer only by intravenous injection. The dose of induction in dogs when not using a pre-anesthetic is 5.5 to 7.0 mg/kg (in practice 1 mL/1.4 to 1.8 kg), while in cats it is 8 to 13.2 mg/kg (in practice 1 mL/0.75 to 1.25 kg). The doses with different pre-anesthetics like xylazine, acepromazine, medetomidine, and ketamine among others are drastically reduced. Other animal species: between 2 and 15 mg/kg.

**Commercial Presentation:** Bottle of 20 mL, 30 mL, and 50 mL.

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## Vetocaína A2® Injectable Solution

Local anesthetic

**Composition:** Lidocaine hydrochloride 20 mg, Adrenaline bitartrate 0.04 mg, excipients q.s. ad 1 mL.

**Indications:** As a local anesthetic by infiltration in cesarean deliveries, tail docking, castration, testing and diagnosis of lameness in horses. For conductive anesthesia, nerve block and subarachnoid, intra-articular infiltration, to control clinical pain. As local anesthesia for diagnostic and exploratory purposes.

**Dosage and Administration:** Nerve or conduction block: diagnosis injections in horses and cows: 5 - 10 mL, anesthesia of cornual nerve of the cow: 8 - 10 mL in each side. Infiltration anesthesia: In cases of repeated administration, the total volume administered should not exceed 0.5 mL/kg of b.w., cats: 1 mL; dogs: 1 - 2 mL, horses: 100 - 200 mL per site of surgery. Sacral anesthesia: For surgery on standing animals: Horses: 5 - 10 mL, cows: 4 - 6 mL, sheep, goats, camelids: 2 - 3 mL. Epidural anesthesia: For surgery on lying animals: Horses: 25 - 75 mL, cows: 15 - 60 mL, small animals: 1.5 mL/10 cm of spinal column length.

**Commercial Presentation:** Bottle x 100 mL.



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# Anabolics

- Line of large animals 
- Line of companion animals 
- Line of poultry and swine 



## Anabolics

### Agrobolin® A.P. Injectable Solution

Long-acting anabolic

**Composition:** Nandrolone decanoate 50 mg, excipients q.s. ad 1 mL.

**Indications:** For the increase in weight gain through increased efficiency in feed conversion in adult or growing animals. Improves appetite, protein synthesis and mineral retention. It stimulates erythropoiesis. As coadjuvant in diseases of consumptive or debilitating type, senile debility, rickets, fractures and stress situations (post-surgery, weaning, dehorning, castration, environmental changes and prolonged summers or winters, among others).

**Dosage and Administration:** Horses: 2 mL/animal; foals: 0.4 - 0.6 mL/animal; dogs and cats: 0.1 - 0.2 mL/10 kg of b.w. A maximum of up to 0.4 mL/animal can be used. Apply through deep intramuscular route.

**Commercial Presentation:** Bottle x 10 mL.



### Boldemax® A.P. Injectable Solution

Long-acting anabolic

**Composition:** Boldenone undecylenate 50 mg, slow release vehicle and excipients q.s. ad 1 mL.

**Indications:** For the increase in weight gain through increased efficiency in feed conversion in adult or growing animals (both pasturing and entrance to intensive feedlot) and to prepare culling livestock (including cows). It stimulates erythropoiesis. As coadjuvant in consumptive or debilitating type diseases that produce weight loss, convalescent states, senile debility, rickets, fractures and stress.

**Dosage and Administration:** Cattle, horses and pigs: 1 mL/90 kg of b.w.; sheep, goats and camelids: 0.5 mL/45 kg of b.w.; dogs and cats: 0.5 mL/10 kg of b.w.; fighting cocks: 0.05 mL/2 kg of b.w. Apply through deep intramuscular route.

**Commercial Presentation:** Bottle x 20 mL, 100 mL and 250 mL.



### Boldemec® L.A. Injectable Solution

Long-acting endectabolic (endectocide and anabolic)

**Composition:** Boldenone undecylenate 28 mg, Ivermectin 10 mg, slow release vehicle q.s. ad 1 mL.

**Indications:** For the integral increase of weight gain in cattle, by improving the efficiency of feed conversion, not only for its anabolic action (better bone and muscle development, increased protein synthesis, mineral retention, stimulation of erythropoiesis), but also for its internal (gastrointestinal and pulmonary nematodes) and external antiparasitic action (myiasis, ticks, scabies and lice).

**Dosage and Administration:** 1 mL/50 kg of b.w. Apply by deep intramuscular route. It has been demonstrated that it can also be used through subcutaneous route.

**Commercial Presentation:** Bottle x 50 mL, 100 mL and 500 mL.












# Nutritionals

- Line of large animals 
- Line of companion animals 
- Line of poultry and swine 



## Nutritionals

### Aminoplex® Forte OS Oral Solution

Suplemento nutricional con aminoácidos en alta concentración

**Composition:** L-histidine 34 mg, DL-methionine 34 mg, L-tryptophan 34 mg, L-cysteine 34 mg, L-threonine 68 mg, L-isoleucine 68 mg, L-arginine 85 mg, L-phenylalanine 102 mg, L-valine 170 mg, L-lysine 102 mg, L-leucine 136 mg, monosodium glutamate 136 mg, Vit. B1 11 mg, Vit. B2 4 mg, Vit. B6 10 mg, Vit. B12 5 ug, nicotinamide 150 mg, dextrose monohydrate 5 g, calcium chloride dihydrate 15 mg, potassium chloride 20 mg, magnesium sulfate 20 mg, sodium acetate trihydrate 250 mg, excipients q.s.ad 100 mL.

**Indications:** Nutritional supplement for the quick and efficient replenishment of protein deficiencies due to insufficient amino acids content in feed; as a support during acute convalescent treatments, weakened animals or undergo intense physical efforts, physical exertion, over training, stress, shock, chronic disease, hemorrhage, parasitism.

**Dosage and Administration:** Poultry: 1 L/1 000 to 2 000 L of water. Swine: 1 L/500 to 1 000 L of water.

**Commercial Presentation:** 1 L and 20 L.



### Artrosamine® I Flexi-Tabs® Oral Tablet

Chondroprotective for bones and joints

**Composition:** Glucosamine hydrochloride 600 mg, Chondroitin sulfate 300 mg, Hyaluronic acid 5 mg, N-acetyl D-glucosamine 60 mg, Methyl sulfonyl methane (MSM) 100 mg, DL-Methionine 110 mg, excipients q.s. ad 1 tablet.

**Indications:** Nutritional supplement that effectively acts as an adjuvant in the treatment of osteoarthritis and joint problems in dogs. Helps in the regeneration of articular cartilage acting as chondroprotector and lubricant of joints damaged by aging, trauma, infections or hip dysplasia.

**Dosage and Administration:** Dogs, up to 10 kg of b.w.: 1 tablet/day, from 10 to 20 kg of b.w.: 2 tablets/day, from 20 to 40 kg of b.w.: 3 tablets/day, more than 40 kg of b.w.: 4 tablets/day, during 4 to 6 weeks or according to recommendation of the veterinary doctor. Its pleasant flavor facilitates oral administration.

**Commercial Presentation:** Bottle x 60 tablets.



### Artrosequin® Premix

Promoter of the Health of the Cartilage and the Right Functioning of the Joints of the Horse

**Composition:** Glucosamine HCl 27,500 mg, Chondroitin Sulfate Depolymerized 11,500 mg, Hyaluronic Acid (as sodium salt) 235 mg, Hydrolyzed Collagen 1,000 mg, N-Acetyl D-Glucosamine 1,800 mg, Methyl Sulfonyl Methane (MSM) 3,200 mg, Biotin 15 mg, Vitamin E 3,000 IU, Ascorbic acid (as L-ascorbic acid) 3,300 mg, Zinc (as Zinc-AHM chelate \*) 450 mg, Manganese (as Manganese Chelate-AHM \*) 300 mg, Copper (as Copper chelate-AHM \*) 55 mg, Selenium (as Sodium Selenite) 3 mg, Methionine (as AHM \*) min 470 mg, Lysine 700 mg, Proline 300 mg, Excipients and flavorings c.s.p 100 g, \* Hydroxymethionine analog

**Indications:** Promoter of cartilage health, joint and hoof functionality, adjuvant in the treatment of osteoarthritis and joint problems, in the treatment of joint pain and inflammation, and in the treatment of hoof problems.

**Dosage and Administration:** Oral route with food; daily for at least 30 consecutive days. 15-30 g / day.

**Commercial Presentation:** Envelope x 15 g, Envelope x 100g, Pot x 1 Kg





## Booster® RN Terneros Oral Gel

First line of defense for newborn calves

**Composition:** Vit. A (Retinol acetate) 10 000 IU, Vit. D<sub>3</sub> (Cholecalciferol) 4000 IU, Vit. E (Alpha tocopherol acetate) 0.2 g, Vit. B<sub>12</sub> (Cyanocobalamin) 0.015 g, Vit B<sub>9</sub> (Folic acid) 0.0009 g, Zinc gluconate 0.047 g, Copper gluconate 0.014 g, Cobalt gluconate 0.004 g, Iron gluconate 0.089 g, Sodium selenite anhydrous 0.001 g, Lactoferrin 0.2 g, Lactoperoxidase 0.25 g, Probiotics 0.2 g, cattle Colostrum 7.5 g, Dehydrated pasteurized egg 5 g, Inulin 0.5 g, Fructo oligosaccharide 0.3 g, Dextrose monohydrate 1 g, excipients 30 mL.

**Indications:** Its administration as first line of defense, immediately (after birth), stimulates appetite and provides adequate health conditions encouraging and optimizing early ingestion of maternal colostrum and preventing failure of passive transfer (FPT). It contains a source of living rumen organisms, producing lactic acid (probiotics) and prebiotics that help the proper development of the intestinal environment of the newborn.

**Dosage and Administration:** 1 syringe in newborn calves. Administer one additional syringe at two dosages (15 mL each dose) at 6 and 12 hours after the first application. Administer orally.

**Commercial Presentation:** Box of 4 syringe x 30 mL.



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## Cani-Tabs® Calming + Relax Tablets

Nutritional Supplement for Relaxation, Stress Reducer and Anxiety Relief

**Composition:** Each tablet contains: Valeriana officinalis extract (valerian) 50 mg, Tryptophan 14.03 mg, Vitamin B1 6.12 mg, Magnesium oxide 55.35 mg Excipients c.s.p 1 tablet

**Indications:** Nutritional supplement that promotes relaxation, reduces stress and relieves anxiety. Indicated as therapeutic support in cases of agitation, abnormal behaviors, excessive barking, stress or fear situations (fireworks, transportation, visits outside the home, etc.), loss of appetite, etc.

**Dosage and Administration:** Daily oral supplement. Due to its high palatability, it can be administered directly, before meals or by disintegrating them and mixing them with them. Canines: dogs weighing up to 5 kg: 1-2 tablets daily. Dogs from 5 to 25 kg: 3-4 tablets daily. Dogs weighing more than 25 kg: 5-6 tablets daily as a maximum dose. Felines: 1 tablet daily for every 2 kg of weight.

**Commercial Presentation:** Bottle x 60 and 100 tablets.



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## Cani-Tabs® Cardio+ Tablets

Nutritional Supplement Health and Cardiovascular Functioning Promoter - Oxidative Stress Reducer

**Composition:** Each tablet contains: Crataegus oxyacantha extract (hawthorn) 30 mg, Taraxacum officinale extract (dandelion, bitter chicory) 25 mg, Coenzyme Q10, 10 mg, Ferrous Sulfate 1.75 mg, Manganese Sulfate 3.29 mg, Tryptophan 11.22 mg, Histidine 11.22 mg, Taurine 11.22 mg, L-Carnitine tartrate 12.35 mg Excipients c.s.p 1 tablet.

**Indications:** Nutritional supplement recommended to promote the development, health and proper functioning of the cardiovascular system, while promoting the reduction of oxidative stress. Indicated in the prevention and as supportive therapy in cardiac pathologies, arteriosclerosis, high cholesterol levels, among others.

**Dosage and Administration:** Canines: dogs weighing up to 5 kg: 1-2 tablets daily. Dogs from 5 to 25 kg: 3-4 tablets daily. Dogs weighing more than 25 kg: 5-6 tablets daily as a maximum dose. Felines: 1 tablet daily for every 2 kg of weight.

**Commercial Presentation:** Bottle x 60 and 100 tablets.



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## Nutritionals

### Cani-Tabs® Daily Multi Adult Palatable Tablets

Vitamin supplement for adult dogs

**Composition:** Vit. A 1500 IU, Vit. D<sub>3</sub> 150 IU, Vit. E 15 IU, Vit. B<sub>1</sub> 0.50 mg, Vit. B<sub>2</sub> 0.50 mg, Vit. B<sub>6</sub> 0.25 mg, Vit. B<sub>12</sub> 30 mcg, Nicotinamide 10 mg, Vit. C 10 mg, Taurine 10 mg, Glycine 10 mg, Aspartic acid 10 mg, Proline 10 mg, Serine 10 mg, Lysine 10 mg, Methionine 10 mg, Cysteine 10 mg, Threonine 10 mg, Magnesium 1.80 mg, Iron 1.50 mg, Copper 0.05 mg, Manganese 0.12 mg, Zinc 0.75 mg, Iodine 25 mcg, Potassium 7.00 mg, excipients q.s. ad 1 tablet.

**Indications:** Exogenously meets the nutritional needs of dogs with special dietary requirements. Its action is also immediate due to the high bioavailability and stability of vitamins and minerals. Specially developed to meet the nutritional needs of adult dogs.

**Dosage and Administration:** Dogs under 9 kg: 1/2 tablet per day; dogs of more than 9 kg: 1 tablet per day. Administer orally. It can be administered directly before meals due to its good palatability, or grinding the tablets and mixing them with food.

**Commercial Presentation:** Bottle x 60 and 100 tablets.



### Cani-Tabs® Daily Multi Puppy Palatable Tablets

Vitamin supplement for puppies

**Composition:** Vit. A 1000 IU, Vit. D<sub>3</sub> 100 IU, Vit. E 5 IU, Vit. K<sub>1</sub> 120 mcg, Vit. B<sub>1</sub> 0.75 mg, Vit. B<sub>2</sub> 0.75 mg, Vit. B<sub>6</sub> 0.30 mg, Vit. B<sub>12</sub> 30 mcg, Nicotinamide 4.50 mg, Choline chloride 0.25 mg, Vit. C 15 mg, Taurine 25 mg, Glycine 9 mg, Aspartic acid 9 mg, Proline 9 mg, Serine 9 mg, Lysine 9 mg, Methionine 9 mg, Cysteine 9 mg, Threonine 9 mg, Magnesium 1 mg, Iron 1.25 mg, Copper 14 mcg, Zinc 0.75 mg, excipients q.s. ad 1 tablet.

**Indications:** Exogenously meets the nutritional needs of dogs with special dietary requirements. Its action is also immediate due to the high bioavailability and stability of vitamins and minerals. Specially developed to meet the nutritional needs of growing dogs (puppies).

**Dosage and Administration:** 1 tablet per day. Administer orally. It can be administered directly before meals due to its good palatability, or grinding the tablets and mixing them with food.

**Commercial Presentation:** Bottle x 60 and 100 tablets



### Cani-Tabs® Daily Multi Senior Palatable Tablets

Vitamin supplement for geriatric dogs

**Composition:** Vit. A 1500 IU, Vit. D<sub>3</sub> 75 IU, Vit. E 25 IU, Vit. K<sub>1</sub> 100 mcg, Vit. B<sub>1</sub> 4 mg, Vit. B<sub>2</sub> 2 mg, Vit. B<sub>6</sub> 2 mg, Vit. B<sub>12</sub> 150 mcg, Nicotinamide 5.50 mg, Calcium pantothenate 3.50 mg, Folic acid 0.01 mg, Biotin 1.50 mcg, Vit. C 15 mg, Choline 0.01 mg, Taurine 22.50 mg, Inositol 4 mg, Glycine 6.50 mg, Aspartic acid 6.50 mg, Proline 6.50 mg, Serine 6.50 mg, Lysine 6.50 mg, Methionine 6.50 mg, Cysteine 6.50 mg, Threonine 6.50 mg, Magnesium 5 mg, Iron 2 mg, Copper 0.05 mg, Manganese 0.50 mg, Zinc 1 mg, Iodine 25 mcg, Potassium 7.50 mg, Selenium 2.50 mcg, Chromium 2.50 mcg, excipients q.s. ad 1 tablet.

**Indications:** Exogenously meets the nutritional needs of dogs with special dietary requirements. Its action is also immediate due to the high bioavailability and stability of vitamins and minerals. Specially developed to meet the nutritional needs of geriatric dogs.

**Dosage and Administration:** Dogs under 9 kg: 1/2 tablet per day; dogs of more than 9 kg: 1 tablet per day. Administer orally. It can be administered directly before meals due to its good palatability, or grinding the tablets and mixing them with food.

**Commercial Presentation:** Bottle x 60 and 100 tablets.





## Cani-Tabs® Digestive+ Tablets

Nutritional Supplement Health Promoter and Gastrointestinal Function - Digestion Normalizer

**Composition:** Each tablet contains: Curcuma longa extract (turmeric) 30 mg, Cynara scolymus extract (artichoke) 30 mg, 5 mg acid protease, Lipase 3 mg, Amylase 2 mg, 3 mg cellulase, Niacinamide 9.8 mg, Manganese Sulfate 16.46 mg, Tryptophan 11.22 mg Excipients c.s.p 1 tablet

**Indications:** Nutritional and health supplement, promoter of gastrointestinal functioning, digestion normalizer. Indicated in gastric/intestinal dysfunctions, common digestive discomforts, heartburn, nausea and indigestion, reduction of bad breath and flatulence, activate liver function and secretions, regulating digestive enzymes and the secretion of bile and gastric acid.

**Dosage and Administration:** Canines: dogs weighing up to 5 kg: 1-2 tablets daily. Dogs from 5 to 25 kg: 3-4 tablets daily. Dogs weighing more than 25 kg: 5-6 tablets daily as a maximum dose. Felines: 1 tablet daily for every 2 kg of weight.

**Commercial Presentation:** Bottle x 60 and 100 tablets.



## Cani-Tabs® Healthy Bones Ca + P Tablets

Healthy bones and teeth

**Composition:** Calcium 300 mg, phosphorus 200 mg, magnesium 2.5 mg, vitamin D3 300 IU, vitamin C 25.00 mg, excipients q.s. ad. 1 tablet

**Indications:** It prevents the deficiency of components present in the formula, helps strengthen bones and joints, providing the optimal daily amount of calcium, phosphorus and vitamin D. Ideal for periods of rapid growth, pregnancy and lactation. Puppies: It promotes normal growth and development of bones, joints and healthy teeth. Adults: It maintains strong bones and healthy teeth, promoting an adequate pregnancy and lactation. Seniors: It delays the bone and teeth deterioration

**Dosage and Administration:** Adult dogs: 1/2 tablet per 10 kg b.w./day. Growing puppies and females in gestation or lactation: 1 tablet/10 kg b.w./day. Dogs over 30 kg: no more than 3 tablets daily. Adult cats: 1/4 tablet per 2 kg b.w./day. Kittens in growth and females in gestation or lactation: 1/2 tablet per 2 kg b.w./day. Cats over 3 kg: no more than 1 tablet daily. This administration provides 60% of the daily recommendation of calcium and phosphorus for cats

**Commercial Presentation:** Bottle of 60 and 100 tablets..



## Cani-Tabs® Hip + Joint Mini Tablets

Chondroprotective and antioxidant for small breed dogs in palatable tablets

**Composition:** Glucosamine HCl 125.00 mg, chondroitin sulfate 22.50 mg, methyl sulfonyl methane (MSM) 125.00 mg, vitamin D3 100.00 IU, calcium 120 mg, excipients q.s. ad. 1 tablet.

**Indications:** It is indicated to enhance and prevent joint problems and lack of movement, favoring the regeneration of cartilage in dogs of small breed (up to 10 kg). Coadjuvant in the treatment of joint diseases such as arthritis and osteoarthritis of diverse etiology, among others. It helps to relieve joint pain in senior and/or injured dogs. Glucosamine is a fundamental component in the formation of the joint surface, tendons, ligaments, synovial tissue, skin, bones and heart valves, among others. Chondroitin sulfate is one of the main components of cartilage. It produces relief of articular symptomatology. MSM contributes to the regeneration of connective tissue and collagen that facilitate mobility and normal joint function. Calcium is essential for bones and vitamin D is important for its better use.

**Dosage and Administration:** Dogs up to 10 kg b.w.: 1 tablet daily. Oral administration.

**Commercial Presentation:** Bottle x 60 and 100 tablets



### Cani-Tabs® Hip + Joint M&L Tablets

Chondroprotective and antioxidant for medium and large dogs

**Composition:** Glucosamine HCl 600 mg, chondroitin sulfate 200 mg, MSM 200 mg, Vit. A 500 IU, Vit. D3 50 IU, Vit. E 1 IU, Vit. B1 0.41 mg, Vit. B2 0.50 mg, Vit. B6 0.05 mg, Vit. B12 0.25 mcg, nicotinamide 5 mg, calcium 39 mg, phosphorus 30 mg, potassium 1.65 mg, chloride 1.50 mg, magnesium 2 mg, iron 1.50 mg, copper 0.05 mg, manganese 0.13 mg, zinc 0.50 mg, excipients q.s. ad. 1 tablet

**Indications:** It is intended to enhance and prevent joint problems and lack of movement, favoring the regeneration of cartilage in dogs of medium and large breed. Coadjuvant in the treatment of joint diseases such as arthritis and osteoarthritis of diverse etiology, among others. It helps to relieve joint pain in senior and/or injured dogs. It contains a mixture of vitamins and minerals which is important for joints, regulates the inflammatory response, provides protection against free radicals, among others.

**Dosage and Administration:** Daily oral administration for 30 days: 1/2 tab/5 kg b.w.; 1 tab/10 kg b.w.

**Commercial Presentation:** Bottle x 60 and 100 tablets



### Cani-Tabs® Immunity & Allergies Tablets

Strengthened immunity - natural anti-stress and antioxidant and anti-allergic

**Composition:** Quercetin 37.50 mg, colostrum 25.00 mg, extract of *Vaccinium myrtillus* (blueberries) 25.00 mg, Extract of *Camellia sinensis* (green tea) 25.00 mg, extract of *Fragaria vesca* (strawberries) 25.00 mg, extract of *Curcuma longa* (turmeric) 25.00 mg, zinc 5.00 mg, vitamin A 450.00 IU, vitamin E 15.00 IU, vitamin C 40.00 mg, excipients q.s. ad 1 tablet.

**Indications:** Association of natural histamine blockers and antioxidants with effect on the production and release of mediators of inflammation and allergies, and on autoimmune diseases and regulation of viral load. It supplies immunoglobulins that provide immediate passive immunity and promotes optimal functioning of the immune system. For the support of the immune system in cases of vaccination and acute or chronic disease, as an antioxidant to reduce the sensitivity to environmental stress and aging and as a coadjuvant in allergic processes of any kind.

**Dosage and Administration:** Dogs up to 5 kg in weight: 1-2 tablets daily. Dogs from 5 to 25 kg: 3-4 tablets daily. Dogs over 25 kg in weight: 5-6 tablets daily

**Commercial Presentation:** Bottle x 60 and 100 tablets.



### Cani-Tabs® Liver+ Tablets

Nutritional Supplement Promoter of Health and Liver Functioning - Detoxifier

**Composition:** Each tablet contains: Curcuma longa extract (turmeric) 30 mg, Silybum marianum 50 mg extract, Vitamin B2 1.22 mg, Vitamin B12 0.7 mg, Niacinamide 3.37 mg, Calcium pantothenate 1.28 mg, Folic acid 0.15 mg, L-Lysine HCl 6.98 mg, Methionine 5.58 mg, Threonine 5.58 mg Excipients c.s.p 1 tablet

**Indications:** Nutritional supplement promoting health and liver function-detoxification. Indicated in the prevention and support of treatment for pathologies that affect the normal functioning of the liver. Also, as an appetite stimulant in convalescent patients it improves the immunity of pets and when required improves the functioning of the liver's enzymatic systems that metabolize and eliminate free radicals in addition to other toxic products.

**Dosage and Administration:** Daily oral supplement. Canines: dogs weighing up to 5 kg: 1-2 tablets daily. Dogs from 5 to 25 kg: 3-4 tablets daily. Dogs weighing more than 25 kg: 5-6 tablets daily as a maximum dose. Felines: 1 tablet daily for every 2 kg of weight

**Commercial Presentation:** Bottle x 60 and 100 tablets.





## Cani-Tabs® Omega 3 EPA & DHA Oral soft capsules

Anti-allergic – natural anti-stress skin regenerator – strengthened immunity

**Composition:** Omega 3 (providing EPA 180 mg and DHA 120 mg) 1000 mg, excipients q.s. ad. 1 capsule.

**Indications:** Fish oil supplement that contains a pure source of fatty acids. Omega-3, an antioxidant that helps to prevent the formation of free radicals that cause damage to cells of organs in the body. It promotes optimal health for the joints, heart, brain and eyes. It helps prevent free radicals that cause damage to the cells of the organs in the body. It acts as a support in the cardiac, renal and neurological system. In puppies, it promotes better development of the brain, nervous system and stimulates early learning. In adult dogs, it promotes the proper functioning of the renal system, controls cholesterol and triglycerides. In older dogs, it participates in the proper functioning of the heart and maintenance of the renal system.

**Dosage and Administration:** Oral route. 1 capsule for each 23 kg or part thereof on a daily basis. It is recommended to administer the entire capsule.

**Commercial Presentation:** Bottle x 60 and 100 tablets



## Cani-Tabs® Repro+ Tablets

Nutritional Supplement Promoter of Reproductive Health and Fertility

**Composition:** Vitamina E 6.6 mg, Selenio 25 mg, Acido Fólico 0.7 mg, Niacinamida 6.12 mg, Arginina 13.47 mg, Histidina 13.47 mg, Isoleucina 13.47 mg, Valina 13.47 mg Excipients c.s.p 1 tablet

**Indications:** Nutritional supplement recommended for promotion of the development, health and proper functioning of the reproductive system as well as adequate fertility. In bitches and cats: Strengthens the health of the female, contributing to adequate heat, supporting fetal development and lactation. In dogs and cats: As a support for sperm concentration and viability. Optimizes reproductive performance in older dogs or in dogs with limited sexual function.

**Dosage and Administration:** Daily oral supplement. Canines: dogs weighing up to 5 kg: 1-2 tablets daily. Dogs from 5 to 25 kg: 3-4 tablets daily. Dogs weighing more than 25 kg: 5-6 tablets daily as a maximum dose. Felines: 1 tablet daily for every 2 kg of weight

**Commercial Presentation:** Bottle x 60 and 100 tablets.



## Cani-Tabs® Skin + Coat Tablets

Nutritional Supplement for the Health of Hair, Skin and Mantle and Nails

**Composition:** Methionine 5.5 mg, Cysteine 5.5 mg, Vitamin B6 0.26 mg, Vitamin E 2.2 mg, Niacinamide 1.56 mg, Copper Sulfate 0.19 mg, Zinc Oxide 2.83 mg, Calendula extract 5 mg, Rosemary extract 0.5 mg Excipients c.s.p 1 table

**Indications:** Nutritional supplement promoting health, growth and good condition of the skin, fur and claws, as well as a shiny and healthy coat. Indicated in the prevention and as an adjunct in the treatment and recovery of acute moist dermatitis (hot spots), allergic dermatitis, seborrhea (dry or wet), dry skin, unpleasant odor, excessive hair loss, as support in case of wounds, irritation, insect bites and/or itchy skin, dull coat, acceleration of coat replacement during shedding, delayed skin, hair and nail ageing symptoms in senior animals. Preparation of show animals.

**Dosage and Administration:** 1 daily tablet for every 2 kg of live weight

**Commercial Presentation:** Bottle x 60 tablets.



## Nutritionals

### Cani-Tabs® Smart+ Tablets

Nutritional Supplement Promoting Health and Functioning of the Brain and Nervous System

**Composition:** Each tablet contains: Ginkgo biloba extract 30 mg, Vitamin A 1.08 mg, Vitamin E 11 mg, Vitamin B6 3.06 mg, Vitamin B12 0.42 ug, Niacinamide 6.12 mg, Calcium Pantothenate 3.83 mg, Folic Acid 1.4 mg, Zinc 8.26 mg, Iron 1.75 mg, Lysine 11.17mg, Methionine 8.98 mg Excipients c.s.p 1 tablet

**Indications:** Nutritional supplement promoting health and functioning of the brain and nervous system. Indicated as support for the correct development of the brain and nervous system in young animals.

**Dosage and Administration:** Canines: dogs weighing up to 5 kg: 1-2 tablets daily. Dogs from 5 to 25 kg: 3-4 tablets daily. Dogs weighing more than 25 kg: 5-6 tablets daily as a maximum dose. Felines: 1 tablet daily for every 2 kg of weight

**Commercial Presentation:** Bottle x 60 and 100 tabletas.



### Cani-Tabs® UT Support Tablets

Development and health of the urinary system

**Composition:** *Serenoa repens* extract (Wild palm) 25.00 mg, *Vaccinium myrtillus* extract (blueberries) 125.00 mg, *Cucurbita pepo* seed extract (pumpkin) 75.00 mg, *Ipomoea batatas* extract (sweet potato) 50.00 mg, vit. B6 (pyridoxine) 5.00 mg, vit.C 50.00 mg, mannitol 10.00 mg, excipients q.s. ad

**Indications:** Nutritional supplement to maintain healthy functioning and development of the urinary tract. It removes and prevents the adhesion of certain bacteria responsible for the main urinary tract infections and particularly bladder infections. It strengthens immunity and reduces the risk of urinary tract infections and kidney or bladder stones.

**Dosage and Administration:** Daily oral supplement. Dogs weighing less than 5 kg b.w.: 1 tablet daily. Dogs from 5 to 25 kg: 2 tablets daily. Dogs over 25 kg in weight: 3 tablets daily as the maximum dose.

**Commercial Presentation:** Bottle x 60 and 100 tablets.



### ChickLyte® WS | HidroLyte® WS Water Soluble

Rehydrating energizing-electrolytic association with probiotics and glycine

**Composition:** Each 100 g contains: Sodium chloride 11 000 mg, Potassium chloride 4000 mg, Sodium phosphate 5000 mg, Magnesium sulfate anhydrous 800 mg, Iron (as iron-AHM\*) 334 mg, Manganese (as manganese - AHM\*) 1576 mg, Copper (as copper-AHM\*) 500 mg, Zinc (as zinc-AHM\*) 431 mg, Dextrose monohydrate 56 000 mg, Dihydrate trisodium citrate 200 mg, Anhydrous citric acid 5000 mg, Glycine 8000 mg, Probiotics(\*\*): 3 mg, Maltodextrin 3 000 mg, Lactose monohydrate q.s. ad 100 g. AHM\*: Analogue of Hydroxy Methionine; (\*\*) 12 probiotic strains: (\*) probiotic blend: *Lactobacillus plantarum*, *Lactobacillus acidophilus*, *Lactobacillus rhamnosus*, *Bacillus subtilis*, *Bacillus licheniformis*, *Bifidobacterium longum*, *Bifidobacterium bifidum*, *Streptococcus thermophilus*, *Enterococcus faecium*, *Aspergillus oryzae*, *Saccharomyces cerevisiae*, *Bacillus coagulans*.

**Indications:** Treatment of dehydration conditions, electrolytic imbalance and lack of energy caused by excessive loss of fluids due to diarrhea, vomiting, sweating, illness, high temperature, excessive breathing and urinating.

**Dosage and Administration:** Poultry: 1 kg/1 000 L of water. Pigs: 1 kg/750 L of water.

**Commercial Presentation:** 15 g, 100 g and 1 kg.





## ChickBooster® con Nucleótidos OS

Oral Solution

Complete bioestimulant in balanced formula based on vitamins, amino acids, minerals, electrolytes and essential fatty acids. The only product containing Nucleotix®

**Composition:** Each 1000 mL contains: Vit. A (retinol palmitate) 2 500 000 UI, Vit. D3 (cholecalciferol) 500 000 UI, Vit. E (alpha tocopherol acetate) 3750 mg, Vit. K3 (mena-dione sodium bisulphite) 250 mg, Vit. B1 (thiamin hydrochloride) 3500 mg, Vit. B2 (riboflavin 5 sodium phosphate) 4000 mg, Vit. B3 (nicotinamide) 10 000 mg, Vit. B5 (calcium pantothenate) 15 000 mg, Vit. B6 (pyridoxine hydrochloride) 2000 mg, Vit. B7 (Biotin) 2 mg, Vit. B9 (folic acid) 250 mg, Vit. B12 (cyanocobalamin) 10 mg, Vit. B15 (Sodium Pangamate) 1 mg, Vit. BH (Inositol) 3.0 mg, DL-Methionine 5000 mg, L-Lysine (hydrochloride) 2500 mg, L-Threonine 500 mg, L-Tryptophan 75 mg, L-Histidine (hydrochloride) 900 mg, L-Arginine (hydrochloride) 490 mg, L- aspartic acid 1450 mg, L-Serine 680 mg, Glutamic acid 1160 mg, L-Proline 510 mg, Glycine 575 mg, L-Alanine 975 mg, L-Cysteine (hydrochloride) 150 mg, L-Valine 1100 mg, L-Leucine 1150 mg, L-Isoleucine 125 mg, L-Tyrosine 340 mg, L-Phenylalanine 810 mg, Nucleotides 5000 mg, Essential fatty acids

500 mg, Sodium Selenite 125 mg, Potassium iodine 500 mg, Cobalt (Cobalt Gluconate) 500 mg, Copper (copper edetate) 200 mg, Manganese (Manganese-edetate) 1000 mg, Zinc (Zinc-edetate) 3000 mg, Iron (Iron-edetate) 210 mg, Sodium chloride 10 000 mg, Potassium chloride 8250 mg, Magnesium sulfate 455 mg, Citric acid 3000 mg, excipients q.s. ad 1000 mL.

**Indications:** Nutritional supplement recommended as growth promoter and as an adjuvant in all infectious diseases, intoxications, convalescence, sudden changes in temperature, pre and post-vaccination, dehydration and stressful situations; when there is insufficient supply of vitamins and minerals in feed. Its exclusive formulation based on nucleotides, promotes cell division and regeneration, optimizes biological functions, and enhances immune system response and productive performance by improving feed conversion.

**Dosage and Administration:** Poultry: 1 a 2 L/1 000 L of water.

**Commercial Presentation:** 30 mL, 100 mL, 250 mL, 500 mL, 1 L, 5 L and 20 L.



## ChickVit® ADE + C OS Oral Solution

Microemulsified association of Vitamins A, D and E, with added Vitamin C

**Composition:** Each 100 mL contains: Vit. A (retinol palmitate) 5 000 000 U.I., Vit. D3 (cholecalciferol) 1 000 000 U.I., Vit. E (alpha tocopherol acetate) 2000 mg, Vit. C (sodium ascorbate) 10 000 mg, excipients q.s. ad 100 mL.

**Indications:** Indicated in the prevention of vitamin deficiency associated with formula; improves reproductive and productive parameters such as feed conversion rate. It has antioxidant and immune-stimulating properties, improves growth and the maintenance of bone and the skeletal system. It is indicated for the prevention and/or treatment of stress caused by vaccination, diseases, transport, high humidity, extreme temperature changes and heat stress; adjuvant in antihelminthic, anticoccidial and anti-infective therapy.

**Dosage and Administration:** Poultry: 1 L per 4000 L of drinking water. Swine: 100 mL per 400 L of drinking water. Directly: 0.5 - 1 mL per piglet.

**Commercial Presentation:** 30 mL, 100 mL, 1L, 5L and 20L.



## Nutritionals

### ChickVit® B OS Oral Solution

Association of all B-complex vitamins with essential amino acids.

**Composition:** Each 100 mL contains: Vit. B1 (Thiamine hydrochloride) 300 mg, Vit. B2 (Riboflavin sodium phosphate) 600 mg, Vit. B3 (Nicotinamide) 4000 mg, Vit. B5 (D-Panthenol) 1000 mg, Vit. B6 (Pyridoxine hydrochloride) 400 mg, Vit. B7 (Biotin) 15 mg, Vit. B9 (Folic acid) 50 mg, Vit. B12 (Cyanocobalamin) 2 mg, Vit. B15 (Sodium pangamate) 50 mg, Vit. BH (Inositol) 100 mg, Choline Chloride 2000 mg, L-Lysine (L-Lysine hydrochloride) 1000 mg, DL-Methionine 500 mg, excipients q.s. ad 100 mL.

**Indications:** It is indicated for the prevention and treatment of all B complex vitamins deficiencies; recommended for growing young animals and during periods of pregnancy, lactation, reproduction and convalescence. After diseases; stressful situations caused by bacterial, viral and parasitic infections; for general weakness, polyneuritis, lameness and paralysis; anemic processes; after treatment with antibiotics, sulfa drugs or vaccinations; as adjuvant in liver failure, poisoning, digestive disorders and changes in diet, low growth and poor feed conversion.

**Dosage and Administration:** Poultry: 1 L per 1000 - 2000 L of drinking water. Swine: 100 mL per 100 - 200 L of drinking water. Directly: 1 - 2 mL per piglet.

**Commercial Presentation:** 30 mL, 1 L, 5 L y 20 L.



### ChickVit® ESe OS Oral Solution

Microemulsified and balanced association of vitamin E with organic chelated selenium

**Composition:** Each 100 mL contains: Vit. E (as alpha tocopherol acetate) 5000 mg, Selenium (as Selenium AHM) 50 mg, DL-Methionine 1000 mg; excipients q.s. ad 100 mL.

**Indications:** It is indicated for the prevention and treatment of Vitamin E and selenium deficiencies. It has a powerful antioxidant and stimulating effect of the organism and immune system. Suitable for stressful periods caused by vaccinations, heat stress, or routine handling. To resolve reproductive disorders caused by deficiency of vitamins in different species, particularly in poultry to prevent reduced egg hatching. Indicated in cases of encephalomalacia, muscular dystrophy, exudative diathesis and as prevention of iron poisoning in piglets.

**Dosage and Administration:** Poultry: 1 L per 2000 L of drinking water; chicks (<21 days): 1 L per 500 - 1000 L of drinking water for 3 - 5 days. Swine: 100 mL per 200 L of drinking water. Directly undiluted: Piglets: 1 - 2 mL per piglet.

**Commercial Presentation:** 30 mL, 1 L, 5 L y 20 L.



### Feli-Tabs® Daily All in One Tablets

Integral Nutritional Supplement for Cats

**Composition:** Vitamins A, D3, C, E, B1, B2, B3, B5, B6, B7, B12 and B9 (in total premix of 33.34 mg), Dicalcium phosphate 200.9 mg, Taurine 20 mg, L-Lysine HCl 10 mg, Magnesium Oxide 11,397 mg, Zinc Oxide 8,257 mg, Ferrous Sulfate 1,050 mg, Manganese Sulfate 3,293 mg, Copper sulfate 0.833 mg Excipients c.s.p 1 tablet

**Indications:** Highly digestible nutritional supplement, with vitamins, minerals and amino acids for cats and kittens that require a balanced contribution or an extra contribution of vitamins, minerals, lysine and taurine in their diet. Recommended in growing animals, during pregnancy, lactation, and periods of stress, in competition animals, geriatric animals, patients in postoperative stages convalescence, and as an adjuvant in infectious (bacterial or viral) and parasitic diseases, inflammatory processes, weakened and/or anorexic animals, among others.

**Dosage and Administration:** 1 tablet daily for every 2 kg of weight

**Presentación Comercial:** Bottle x 60 and 100 tabletas.





## FH-10 Factor Hepático 10 Oral Solution

Hepatoprotective, lipotropic and detoxifying association

**Composition:** Silymarin 2 g, Artichoke extract 2 g, L-Carnitine (L-Carnitine hydrochloride) \* 5 g, DL-Methionine\* 2 g, Choline Chloride\* 7.5 g, Betaine (betaine hydrochloride)\* 1 g, L-Lysine (L-Lysine hydrochloride)\* 2 g, N-Acetyl-L-Methionine\* 1 g, Magnesium (as sulfate) 1.01 g, Sorbitol 20 g, Excipients and flavorings q.s.ad 100 mL. \*For a total of proteins: 12,206 g

**Indications:** As a support in the therapy of pathologies that affect the normal functioning of the liver: viral or bacterial infections, severe parasitism, dietary hepatitis, drug-induced hepatitis and other forms of toxic hepatitis, fatty liver, cirrhosis, cholecystitis, liver irritation due to harmful food ingestion, intoxications in general, gastrointestinal dysfunctions of various etiology, among others. As a preventive against pharmacological therapy or varied pathologies that can cause liver damage. As an appetite stimulant in convalescent patients and when it is required to improve the functioning of the enzymatic systems that metabolize and eliminate toxic products by different routes.

**Dosage and Administration:** 1mL/2.5-5 kg of live weight, for 5-7 days.

**Commercial Presentation:** x 30 mL



## Gallomix® I Gallomax Oral Tablet

Multivitamin supplement

**Composition:** Pork liver powder 10 mg, ATP 60 mcg, L-Lysine HCl 10 mcg, DL-Methionine 2 mcg, L-Tryptophan 2 mcg, L-Cysteine HCl 2 mcg, L-Threonine 3.5 mcg, DL-Isoleucine 4 mcg, L-Arginine HCl 5 mcg, DL-Phenylalanine 4 mcg, DL-Valine 6 mcg, L-Leucine 6.5 mcg, DL-Carnitine 5 mcg, Monosodium glutamate 5.5 mcg, Vit. A 0.5 mg, Vit. C 2.25 mg, Vit. D<sub>3</sub> 0.1 mg, Vit. E 3 mg, Vit. K<sub>3</sub> (menadione) 0.06 mg, Vit. B<sub>2</sub> 0.25 mg, Vit. B<sub>6</sub> (pyridoxine HCl) 0.15 mg, Vit. B<sub>1</sub> (thiamine) 0.3 mg, Vit. B<sub>12</sub> (cyanocobalamin) 0.25 mg, Vit. B<sub>9</sub> (folic acid) 0.02 mg, Calcium pantothenate 0.5 mg, Vit. B<sub>3</sub> (niacinamide) 2 mg, Calcium carbonate precipitate 0.0406 mg, Zinc sulphate heptahydrate 0.89 mg, Sodium glycerophosphate 15 mg, Cobalt sulphate 0.3 mg, Dried ferrous sulphate 0.3230 mg, Magnesium sulphate 0.25 mg, Potassium iodide 0.0210 mg, Manganese sulphate 4.1666 mg, Sodium chloride 2.5 mg, Potassium chloride 1.5 mg, excipients q.s. ad 1 tablet.

**Indications:** Combat preparation and as a supplement to any component of the formula. Improves the reproductive levels, as well as plumage and bird health in general.

**Dosage and Administration:** Administer orally, 1-3 tablets daily.

**Commercial Presentation:** Bottle x 100 tablets.



## Hematofos B12® AC OS Oral Solution

Mutlirestorative association of B complex vitamins, amino acids added with phosphorus.

**Composition:** Each 1000 mL contains: DL-Methionine 10 000 mg, L-Histidine 5000 mg, L-Tryptophan 2500 mg, Vit. B<sub>12</sub> 11 mg, Vit. B<sub>2</sub> 2000 mg, Vit. B<sub>3</sub> 50 000 mg, Vit. B<sub>6</sub> 10 000 mg, Green ammonium iron citrate 20 000 mg, Cobalt 120 mg, Sodium glycerophosphate 10 000 mg, excipients q.s. ad 1000 mL.

**Indications:** Prevention and treatment of all types of anemias. General restorative, appropriated in cases of emaciation, weakness, stressful situations, lack of appetite, fractures, intoxications, sexual exhaustion, falling feathers, in all cases of anemia, etc. Powerful appetite and growth stimulant, increases production and enhances biological functions.

**Dosage and Administration:** Poultry: Broilers: 0.5 – 1 L per each 200 L of drinking water during the first 3 days upon reception of the batch and for the first 2 days at the star of the fourth week. Ornamental and home breeding: 5 – 10 drops for 100 mL of drinking water. Swine: 5 mL/20 kg b.w. Diluted dose: piglets (maternity): 125 mL/100 L of water. Piglets (post weaning): 50 mL/100 L of water. Growing (<50 kg): 80 mL/100 L of water. Fattening: (>50 kg): 125 mL/100 L of water. Pregnant sows: 170 mL/100 L of water. Lactating sows: 100 mL/ 100L of water.

**Commercial Presentation:** 30 mL, 250 mL, 500 mL, 1 L and 5 L.



## Nutritionals

### Hematofos B12<sup>®</sup> Oral Oral Solution

Multi-restorative added with phosphorus

**Composition:** Sodium cacodylate 30 mg, Ammonium iron citrate 20 mg, Sodium glycerophosphate 10 mg, Cyanocobalamin (Vit. B12) 11 mcg, Cobalt acetate 0.5 mg, Tryptophan 2.5 mg, Histidine 5 mg, DL-Methionine 10 mg, Riboflavin 5-phosphate (Vit. B2) 2 mg, Nicotinamide (Vit. B3) 50 mg, Pyridoxine hydrochloride (Vit. B6) 10 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment of stress and as coadjuvant in the treatment of diseases, improving the reproductive levels, as well as the plumage and health of the poultry in general. It is indicated in all animal species in cases of anemia, malnutrition, convalescence of infectious and parasitic diseases, and prolonged diarrhea, acting also against decay and fatigue. In all hematopoietic disorders, anemias of nutritional, infectious, parasitic or post hemorrhagic origin.

**Dosage and Administration:** Cattle and horses: 20 mL/100 kg of b.w.; pigs, sheep and goats: 5 mL/20 kg of b.w.; dogs and cats: 2 - 5 mL diluted at a proportion of 1 mL/20 mL of water; home breeding and ornamental birds: 5 to 10 drops per 100 mL of drinking water.

**Commercial Presentation:** Bottle x 100 mL, 250 mL, 500 mL and 1 L.



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### Hepaviar<sup>®</sup> OS Oral Solution

Hepatoprotective - Lipotropic - Detoxifying Balanced Association

**Composition:** Each 100 mL contains: L-Carnitine 5000 mg, Silimarine 2000 mg, Artichoke extract 2000 mg, DL-Methionine 2000 mg, Choline chloride 7500 mg, Betaine 1000 mg, L-Lysine 2000 mg, N-Acetyl-L-Methionine 1000 mg, Magnesium 1010 mg, Sorbitol 20 000 mg, excipients q.s. ad 100 mL.

**Indications:** Diets with high energetic content, intoxications, treatment or prevention of fatty liver syndrome (hepatic lipidosis), treatment of mycotoxicosis, preparation of birds for molting, appetite and feed conversion improver. Acute and chronic hepatitis, colic syndrome, infectious conditions and gastrointestinal disorders. In all cases where medication administration might affect the hepatic parenchyma and its performance.

**Dosage and Administration:** Poultry: Preventive: In commercial layers: between weeks 28 and 40, every 4 weeks during 3 - 5 consecutive days, and in broiler chickens: 3 - 5 days with the feed change of the last day of the program: 1 L/2000 L of water. Treatment: 1 L/1000 - 1500 L of drinking water, during 5 - 7 days. Swine: 1 L/1000 - 2000 L of water.

**Commercial Presentation:** 30mL, 100 mL, 250 mL, 1 L, 5 L and 20 L.



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### Hepaviar<sup>®</sup> Px Premix

Hepatoprotective – lipotropic – detoxifying balanced association

**Composition:** Each 100 g contains: Silimarine 15 g, dry extract of artichoke 15 g, DL-methionine 5 g, L-lisina 2 g, inulin 2 g, magnesium sulfate heptahydrate 2 g, betaine 1 g, excipients q.s.ad. 100 g.

**Indications:** When a protective and regenerative effect of the hepatocyte es required, cholagogue, cholaretic, lipotropic and detoxifying effect: diets with high energy content, poisoning, treatment or prevention of fatty liver syndrome (hepatic lipidosis), mycotoxicosis treatment, preparation of birds for forced molting, appetite and feed conversion enhancer. Acute and chronic hepatitis. Colic syndrome. Infectious states. In all cases in which drugs are administered that compromise the liver parenchyma and therefore its function (antibiotics, antiparasitic, anesthetics, tranquilizers, etc.). Gastrointestinal dysfunctions, among other.

**Dosage and Administration:** In strategic phases or during the whole breeding period: 200 – 350 g/MT of feed (2g – 3.5 g/10 kg of feed).

**Commercial Presentation:** 15 g, 100 g, 500 g, 1 kg, 10 kg y 20 kg.



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## Lysozym® 100 I Zymex 100 Water Soluble

Natural additive - growth promoter nutritional supplement

**Composition:** Lysozyme 10 g (equivalent to 5 000 000 IU), excipients q.s. ad 100 g.

**Indications:** Maintains gastrointestinal health and immunity in general. Decreases pathogenic discharge, prevents diarrheal disorders and is appropriate as support in antibiotic treatments. It improves digestibility and absorption, the daily gain and feed conversion ratio. Improves protein quality and reduces the percentage of fat in the carcasses.

**Dosage and Administration:** Dose in grams per MT of food or gram per 2000 L of water. Promoting growth, preventing and improving resistance to diseases: Pigs: Piglets: 100 - 150 g, at weaning: 150 - 300 g, growth and finishing: 70 - 100 g, lactating sows: 100 - 150 g; poultry: initial stage: 80 - 150 g, growth: 60 - 80 g, finishing: 50 - 60 g, layers, breeders and competence: 80 - 100 g; cattle and small ruminants: 150 - 300 g.

**Commercial Presentation:** Container x 15 g, 100 g and 1 kg.



## Microquel® Aqua Fish 7 in 1 Px Premix

Organic Microelements Chelated and Protected with Methionine for Fish

**Composition:** Each 100 g contains: Iron (as Iron-MHA \*) 5,000 mg, Zinc (as Zinc-MHA \*) 3,000 mg, Copper (as Copper-MHA \*) 500 mg, Manganese (as Manganese-MHA \*) 1 000 mg, Iodine (as Yodo-MHA \*) 25 mg, Selenium (as Selenium-MHA \*) 15 mg, Chromium (as Chromium-MHA \*) 15 mg, \* MHA: 25,000 mg hydroxymethionine analogue Excipients c.s.p 100 g.

**Indications:** Covers the micromineral needs of various fish species, optimizing their genetic potential for optimal growth and development. Prevention and treatment of deficiencies associated with the minerals of formula in fish. Organic chelation with AHM protects minerals from unwanted reactions; Passive release and absorption through the intestinal lumen are markedly improved with regard to inorganic minerals.

**Dosage and Administration:** Mix 1 - 2 Kg / Ton of food. (1 - 2 g / Kg)

**Commercial Presentation:** Envelopes x 15 and 100 g. Bag x 1 kg and 25 Kg



Fishes

## Microquel® Aqua Shrimp 4 in 1 Px Premix

Organic Microelements Chelated and Protected with Methionine for Shrimp

**Composition:** Each 100 g contains: Zinc (as Zinc-MHA \*) 3,000 mg, Copper (as Copper-MHA \*) 1000 mg, Manganese (as Manganese-MHA \*) 1 000 mg, Chromium (as Chromium-MHA \*) 20,000 mg, \* MHA: Hydroxymethionine analogue 20 000 mg Excipients c.s.p 100 g.

**Indications:** Covers the micromineral needs of various shrimp species, optimizing their genetic potential for optimal growth and development. Prevention and treatment of deficiencies associated with the minerals of formula in shrimps. Organic chelation with AHM protects minerals from unwanted reactions; Passive release and absorption through the intestinal lumen are markedly improved with regard to inorganic minerals.

**Dosage and Administration:** Mix 1 - 2 Kg / Ton of food. (1 - 2 g / Kg)

**Commercial Presentation:** Bags x 10, 50, 100, 500 g, 1, 5, 10, 20, 25 Kg.



Shrimp

## Nutritionals

### Microquel® Beef 7 in 1 Px Premix

Organic chelated microelements protected with methionine (AHM) for superior performance. Exclusive for beef cattle

**Composition:** Zinc (as zinc-AHM\*) 5000 mg, Copper (as copper-AHM\*) 2000 mg, Manganese (as manganese AHM\*) 3000 mg, Iodine 50 mg, Cobalt (as cobalt-AHM\*) 20 mg, Selenium (as selenium- AHM\*) 20 mg, Chromium (as chromium-AHM\*) 40 mg, \*Methionine (AHM) 30 000 mg, excipients q.s. ad 100 g.

**Indications:** Prevention and treatment of deficiencies associated to minerals of the formula. The organic chelation with AHM (Analogue of Hydroxy Methionine) protects minerals from undesired reactions in the intestine (increased stability at low pH). The passive release and absorption through the intestinal lumen are exceptionally improved with reference to inorganic minerals.

**Dosage and Administration:** 0.5 - 0.8 kg/MT of feed or according to the indications of the veterinarian/nutritionist. Administer orally.

**Commercial Presentation:** Bags x 100 g, 1 kg, 5 kg, 10 kg, 20 kg and 25 kg.



### Microquel® Broiler 8 in 1 Px Premix

Organic microelements chelated and protected with methionine for broiler chickens

**Composition:** Each 100 g contains: Iron (iron-AHM\*) 3 000 mg, zinc (zinc-AHM\*) 4 000 mg, copper (copper-AHM\*) 1 000 mg, manganese (manganese-AHM\*) 4 000 mg, iodine 50 mg, cobalt (cobalt-AHM\*) 20 mg, selenium (selenium-AHM\*) 30 mg; chromium (chromium-AHM\*) 20 mg, methionine (AHM\*) 32 000 mg; excipients q.s. ad 100 g. (\*) Methionine hydroxy analogue.

**Indications:** It covers the needs of microminerals due to deficiencies in the diet of broiler chickens, optimizing their genetic potential for optimal growth and development.

**Dosage and Administration:** From 1 to 1.6 kg/MT of feed or according to the indications of the veterinarian/nutritionist.

**Commercial Presentation:** 100 g, 1 kg and 20 kg.



### Microquel® Cow 7 in 1 Px Premix

Organic chelated microelements protected with methionine (AHM) for superior performance. Exclusive for dairy cattle

**Composition:** Zinc (as zinc-AHM\*) 7000 mg, Copper (as copper-AHM\*) 2500 mg, Manganese (as manganese AHM\*) 4000 mg, Iodine 50 mg, Cobalt (as cobalt-AHM\*) 20 mg, Selenium (as selenium- AHM\*) 50 mg, Chromium (as chromium-AHM\*) 40 mg, \*Methionine (AHM) 38 000 mg, excipients q.s. ad 100 g.

**Indications:** Prevention and treatment of deficiencies associated to minerals of the formula. The organic chelation with AHM (Analogue of Hydroxy Methionine) protects minerals from undesired reactions in the intestine (increased stability at low pH). The passive release and absorption through the intestinal lumen are exceptionally improved with reference to inorganic minerals.

**Dosage and Administration:** 0.5 - 0.8 kg/MT of feed or according to the indications of the veterinarian/nutritionist. Administer orally.

**Commercial Presentation:** Bags x 100 g, 1 kg, 5 kg, 10 kg, 20 kg and 25 kg.





## Microquel® Cu Px Premix

Organic microelement chelated as copper-amino acid complex and protected with glycine for production animals

**Composition:** Copper (as glycine copper chelate): not less than 21% by weight. Microquel® Cu also contains 24% of the amino acid glycine of high nutritional value.

**Indications:** Prevention and treatment of copper deficiencies in production animals. Specific indications include: Increased embryo death, reduced fertility rates, anemia, increased incidence of pneumonia and diarrhea. Decreased weaning weights, increased susceptibility to diseases and stress. Also includes color changes and improvement of skin, coat and hoof integrity as well as delayed growth eggs.

**Dosage and Administration:** Poultry: 38-48 g/MT of feed (8-10 ppm Cu). Swine: piglets up to 12 weeks 715 g/MT of feed (150 ppm Cu); pigs older than 12 weeks 38 g/MT of feed (8 ppm Cu); sows 48 g/MT of feed (10 ppm Cu); lactating sows 95 g/MT (20 ppm Cu).

**Commercial Presentation:** 1 kg and 20 kg.



## Microquel® Fe Px Premix

Organic microelement chelated as iron-amino acid complex and protected with glycine for production animals

**Composition:** Iron (as glycine iron chelate): not less than 17% by weight.

Microquel® Fe also contains 22% of the amino acid glycine of high nutritional value.

**Indications:** Prevention and treatment of iron deficiencies in production animals. Specific indications include: Iron deficiency anemia, decreased weaning weight, increased susceptibility to diseases, stages with greater stress, delayed growth, fertility problems and increased embryonic death. Also improves the color and integrity of the skin, fur hooves; improves quality of eggs and feathers. Improve meat quality and productive performance.

**Dosage and Administration:** Poultry: 300 – 500 g/TM of feed (50 – 80 ppm Fe). Swine: piglets up to 25 kg 300-600 g/MT of feed (50-120 ppm Fe); growing and fattening pigs 300-350 g/MT of feed (50-60 ppm Fe); sows 250-475 g/MT of feed (45-80 ppm Fe).

**Commercial Presentation:** 1 kg and 20 kg.



## Microquel® Layer 6 in 1 Px Premix

Organic microelements chelated and protected with methionine for laying hens

**Composition:** Each 100 g contains: Zinc (zinc-AHM\*) 5 000 mg, copper (copper-AHM\*) 1 000 mg, manganese (manganese-AHM\* 4 000 mg, iodine 50 mg, selenium (selenium-AHM\*) 30 mg; chromium (chromium-AHM\*) 20 mg, methionine (AHM\*) 26 000 mg; excipients q.s. ad 100 g. (\*) Methionine hydroxy analogue.

**Indications:** It covers the needs of microminerals due to deficiencies in the diet of laying hens, optimizing their genetic potential for optimal growth and development.

**Dosage and Administration:** From 0.6 to 1 kg/MT of feed or according to the indications of the veterinarian/nutritionist.

**Commercial Presentation:** 100 g, 1 kg and 20 kg.



## Nutritionals

### Microquel® Mn Px Premix

Organic microelement chelated as manganese-amino acid complex and protected with glycine for production animals

**Composition:** Manganese (as glycine manganese chelate): not less than 22% by weight. Microquel® Mn also contains 29% of the highly nutritional value amino acid

**Indications:** Prevention and treatment of manganese deficiencies in production animals; specific indications include: delay in sexual maturity, increased embryonic death (and/or deformity), reduces fertility rates in males and females. Abnormalities of hair, foot and hooves. Abnormal development of bones and joints, bone weakness, perosis and chondrodystrophy, impaired ability to regenerate joint cartilage, lameness. Deficiency in eggshell quality; weaning weight decreased. Increased susceptibility to diseases, in times of increased incidence of pneumonia and diarrhea and in stages of greater stress. It also, improves immune response; the quality and meat and egg production.

**Dosage and Administration:** Poultry: 100-280 g/MT of feed (20-60 ppm Mn). Swine: piglets and fattening pigs 50-100 g/MT of feed (10-20 ppm Mn); Sows 100-120 g/MT of feed (20-25 ppm Mn).

**Commercial Presentation:** 1 kg and 20 kg.



### Microquel® Pig Grow 8 in 1 Px Premix

Organic microelements chelated and protected with methionine for pigs in growing stage

**Composition:** Each 100 g contains: Iron (as iron-AHM\*) 3000 mg, Zinc (as Zinc-AHM\*) 3000 mg, Copper (as Copper-AHM\*) 1000 mg, Manganese (as Manganese-AHM\*) 1500 mg, Iodine 10 mg, Cobalt (as Cobalt-AHM\*) 15 mg, Selenium (as Selenium-MHA\*) 15 mg, Chrome (as Chrome-AHM\*) 10 mg, \*Methionine (AHM) 25 000 mg, excipients q.s. ad 100 g. (\*) Methionine hydroxy analogue..

**Indications:** Cover micromineral needs resulting from deficiencies associated with the formula in pigs on growing stage, optimizing their genetic potential for optimal growth and development from 25 – 30 kg of b.w until the pigs weight 50 – 60 kg.

**Dosage and Administration:** General dose, 1 to 2 kg/TM of food (1 to 2 g/kg) or according to the indication of the veterinarian or nutritionist's indications.

**Commercial Presentation:** 100 g, 1 kg and 20 kg.



### Microquel® Pig Starter 8 in 1 Px Premix

Organic microelements chelated and protected with methionine for piglets in starting stage

**Composition:** Each 100 g contains: Iron (as iron-AHM\*) 6000 mg, Zinc (as Zinc-AHM\*) 4000 mg, Copper (as Copper-AHM\*) 1000 mg, Manganese (as Manganese-AHM\*) 2000 mg, Iodine 20 mg, Cobalt (as Cobalt-AHM\*) 25 mg, Selenium (as Selenium-AHM\*) 15 mg, Chrome (as Chrome-AHM\*) 10 mg, \*Methionine (AHM) 35 000 mg, excipients q.s. ad 100 g. (\*) Methionine hydroxy analogue.

**Indications:** Cover micromineral needs resulting from deficiencies associated with the formula in piglets on starting stage, optimizing their genetic potential for optimal growth and development from weaning until the pigs weight 25 – 30 kg.

**Dosage and Administration:** General dose, 1 to 2 kg/TM of food (1 to 2 g/kg) or according to the indication of the veterinarian or nutritionist's indications.

**Commercial Presentation:** 100 g, 1 kg and 20 kg.





## Microquel® Sow 8 in 1 Px Premix

Organic microelements chelated and protected with methionine for sows

**Composition:** Each 100 g contains: Iron (Iron-AHM\*) 3 500 mg, zinc (zinc-AHM\*) 4 000 mg, copper (copper-AHM\*) 1 000 mg, manganese (manganese-AHM\*) 1 500 mg, iodine 15 mg, cobalt (cobalt-AHM\*) 10 mg, selenium (selenium-AHM\*) 20 mg, chromium (chromium-AHM\*) 13 mg, \*methionine (AHM) 28 000 mg, excipients q.s. ad 100 g. (\*) Methionine hydroxy analogue.

**Indications:** Cover micromineral needs of sows, optimizing their genetic potential for optimal growth, development and reproductive performance. Prevention and treatment of deficiencies associated with the minerals of the formula.

**Dosage and Administration:** In general, 1-2 kg/MT of feed (1-2 g/kg) or according to the indications of the veterinarian or nutritionist's indications.

**Commercial Presentation:** 100 g, 1 kg and 20 kg.



## Microquel® Zn Px Premix

Organic microelement chelated as zinc-amino acid complex and protected with glycine for production animals

**Composition:** Zinc (as glycine zinc chelate): not less than 21% by weight. Microquel® Zn also contains 23% of the highly nutritional value amino acid glycine.

**Indications:** Prevention and treatment of manganese deficiencies in production animals; specific indications include: Prevention and treatment of foot and hoof problems, egg shell quality, reduces fertility rates, increased incidence of pneumonia and diarrhea, decreased weaning weights. In cases of bone weakness, dwarfism, delayed growth and high conversion rates. Improvement of wound healing, integrity and keratinization in skin (prevents parakeratosis in pigs), improves the brightness, quality and coloration of the coat (feathers in birds). Improves immune response, enhances quality and production of meat and eggs.

**Dosage and Administration:** Poultry: 100 - 240 g/TM (20 - 50 ppm Zn). Pigs: piglets up to 25 kg 380-480 g/MT of feed (80-100 ppm Zn); growing and fattening pigs 240-300 g/MT of feed (50-60 ppm Zn); Sows 500 g/MT of feed (100 ppm Zn).

**Commercial Presentation:** 1 kg and 20 kg.



## Nutromix® Daily Multi Oral Gel

Balanced nutritional supplement

**Composition:** Each 6 g of Nutromix® contains: calcium 0.16 mg, phosphorus 0.02 mg, potassium 0.15 mg, sodium 1.01 mg, chloride 0.33 mg, magnesium 0.38 mg, iron 0.53 mg, manganese 0.95 mg, iodine 0.48 mg, vitamin A 734 IU, vitamin D3 55 IU, vitamin E 5 IU, thiamine (vitamin B1) 1.52 mg, riboflavin (vitamin B2) 0.011 mg, pantothenic acid (vitamin B5) 1.74 mg, niacin (vitamin B3) 1.90 mg, pyridoxine (vitamin B6) 0.73 mg, folic acid (vitamin B9) 0.19 mg, cyanocobalamin (vitamin B12) 1.83 ug, excipients: malt extract 2.22 g, preservatives q.s. ad. 6 g.

**Indications:** Contribution of vitamins, minerals and extra energy in the diet. Increase the food intake, postoperative convalescence, disease adjuvant infectious, parasitic and inflammatory, support during pregnancy, lactation, growth and stress, geriatric animals, weakened or anorexic animals.

**Dosage and administration:** Oral administration. 1/2 to 2 teaspoon per 5 kg b.w. a day.

**Commercial Presentation:** Plastic tube of 60 g and 120 g.



### Nutromix® Hairball Remedy Oral Gel

Nutritional Supplement Peristalsis Promoter - Preventive Intestinal Obstructions by Accumulated Hair

**Composition:** Each 100 g contains: Vitamin A 0.06 IU, Vitamin D3 0.0048 IU, Vitamin E 0.3 IU, Vitamin B1 0.0571 g, Vitamin B2 0.0061 g, Vitamin B6 0.0306 g, Vitamin B12 0.0105 g, Folic acid 0.0094 g, Niacinamide 0.0459 g, Calcium pantothenate 0.1531 g L-Lysine HCl 0.5 g, 0.5 g Taurine, Fish oil 12 g, Fish paste 4 g Excipients c.s.p 100g.

**Indications:** Combination of natural ingredients that gently lubricate the intestines, providing a mild laxative effect that eliminates fur balls and reduces the risk of future obstructions.

**Dosage and Administration:** Direct oral route or with food. Kittens: 1-2 cm (1/4 - 1/2 teaspoon) Adult cats: 3-5 cm (1/2 - 1 teaspoon)

**Commercial Presentation:** tube x 60 and 120 g.



### Nutromix® High Calorie Oral Gel

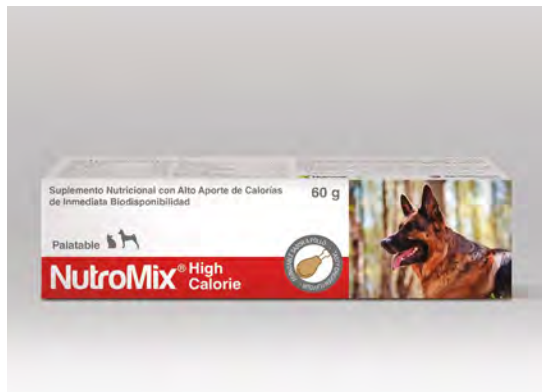
Nutritional Supplement with High Calorie Contribution of Immediate Bioavailability

**Composition:** Each 100 g contains: Vitamin A 0.096 IU, Vitamin D3 0.004 IU, Vitamin E 0.3 IU, Vitamin B1 0.0612 g, Vitamin B2 0.0061 g, Vitamin B6 0.0306 g, Vitamin B12 0.0105 g, Folic acid 0.01 g, Niacinamide 0.0459 g, Calcium pantothenate 0.0918 g, Potassium iodide 0.008 g, Ferrous Sulfate 0.0292 mg, Manganese Sulfate 0.0377 mg, Magnesium Sulfate 0.0436 mg, 12 g chicken oil, Phospholipid 3 g, Yeast Extract 8.5 g 1 g chicken paste, Malt syrup 13 g Excipients c.s.p 100g

**Indications:** Nutritional supplement for dogs and cats which in addition to requiring a balanced contribution or an extra supplement of vitamins and minerals require an extra calorific contribution to meet their needs. Indicated in fast-growing animals, during pregnancy, lactation, periods of stress, high performance and/or competing animals, postoperative convalescence, as an adjuvant in infectious (bacterial or viral) and parasitic diseases, inflammatory processes, weakened animals and/or anorexic animals, among others.

**Dosage and Administration:** 1- 2 teaspoon.

**Commercial Presentation:** tube x 60 and 120 g.



### Nutromix® Hip + Joint Oral Gel

Nutritional Supplement for Cartilage and Joint Health

**Composition:** Each 100 g contains: Glucosamine HCl 4.30 g, Chondroitin Sulfate 0.65 g, Calcium 2.30 g, excipients c.s.p. 100 g.

**Indications:** Promoter of cartilage health and joint functionality. Prevention of osteoarthritis and joint problems. Adjuvant in cases of osteoarthritis, joint and ligament problems, and in the treatment of joint pain and inflammation. Chondroprotection, lubrication and regeneration of damaged joints. Extension of sporting life and improvement in quality of life for geriatric animals.

**Dosage and Administration:** Orally. Daily dose: Dogs up to 10 Kg: 5 g (8 cm or 1 teaspoon), 10 to 25 Kg: 8 g (12 cm or 1.5 teaspoon), greater than 25 kg: 10 g (16 cm or 2 teaspoons)

**Commercial Presentation:** tube x 60 y 120 g





## Nutromix® Lysine+ Oral gel

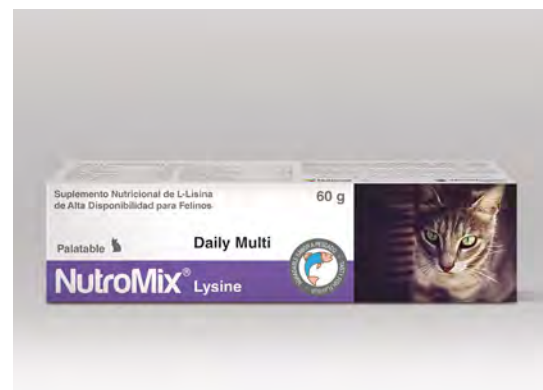
High Availability L-Lysine Nutritional Supplement for Felines

**Composition:** Each 100 g contain: L-Lysine HCl 8.58 g, Excipients c.s.p 100g.

**Indications:** Conditions that respond to lysine, such as upper respiratory problems or Feline Herpes Virus (FHV-1). In the acute phase of FHV-1, to reduce the severity of symptoms, accelerate healing and minimize the ability to of the sick cat to spread contagion. As FHV-1 infection is chronic, L-lysine is especially indicated as preventive maintenance in order to improve the quality of life of cats with chronic symptoms, avoid relapses and minimize the risk of contagion to other cats in the home.

**Dosage and Administration:** Cats: 500-1,000 mg of L-Lysine HCl / animal (6-12 g, 10-20 cm or 1-2 teaspoons). Kittens under 6 months: half the dose. Chronic or latent phase: Adult cats, 500 mg (6g, 10 cm or 1 teaspoon); Kittens: half the dose. Once a day. As a preventive: daily or at least during periods of stress (eg, entry of a new cat into the house, pregnancy, change of season, etc).

**Commercial Presentation:** tube x 60 and 120 g.



## Nutromix® Skin + Coat Oral Gel

Nutritional Supplement for the Health of Hair, Skin and Mantle and Nails - Four Sources of Omega 3 and 6

**Composition:** Each 100 g contain: Vit.A acetate 64.8 mg, Vit. D3 4.8 mg, Vit.E acetate 294 mg, Vit.B1 58.3 mg, Vit. B2 6.3 mg, Vit.B6 32.2 mg, Vit.B12 10.5 mg, Biotin 250 mg, Vit. C 36.7 mg, Folic Acid 9.8 mg, Niacinamide 62.2 mg, Calcium Pantothenate 94.3 mg, Ferrous Sulfate 28.8 mg, Potassium iodide 5.4 mg, Manganese, Sulfate 49.8 mg, Magnesium, Sulfate 40.7 mg, Zinc, Sulfate 55.7 mg, L-Lysine HCl 550 mg, Taurine 550 mg, Arginine 550 mg, Histidine 550 mg, Leucine 550 mg, Isoleucine 550 mg, Methionine 550 mg, Phenylalanine 550 mg, Threonine 550 mg, Tryptophan 550 mg, Valine 550 mg, Phospholipids 3 g, Fish Oil 12 g, Fish paste 4 g, Soybean Oil 0.5 g, Olive Oil 0.5 g, Yeast Extract 4 g, Fructooligosaccharides 0.5 g, Mananoligosaccharides 0.05 g Excipients c.s.p 100 g.

**Indications:** Health promote, growth and good condition of the skin, fur and nails as well as a shiny and healthy mantle.

**Dosage and Administration:** Dogs up to 5 Kg: 2 g (3 cm or 1/2 teaspoon), 5 to 20 kg: 5 g (8 cm or 1 teaspoon), greater than 20 kg: 8 g (12 cm or 1 1/2 teaspoon) Doses and frequency can be adjusted at the discretion of the veterinarian.

**Commercial Presentation:** tube x 60 and 120 g.



## Nutromix® UT Support Oral Gel

Nutritional Supplement for Health Promotion and Development of the Urinary System

**Composition:** Each 100 g contains: Tryptophan 0.8 g, Theanine 0.5 g, Vaccinium myrtillus Extract (Blueberry) 2 g, L-Lysine HCl 0.5 g, Taurine 0.5 g, Fish Oil 12 g, Yeast Extract 4 g, Fish Paste 4 g, Excipients csp 100 mL

**Indications:** Nutritional supplement to maintain the healthy functioning and development of the urinary tract. Strengthens immunity and reduces the risk of urinary infections and kidney or bladder stones. As support in case of diseases and surgery of the prostate and genitourinary tract, including kidneys and bladder. Relief from inflamed and irritated membranes and urinary incontinence.

**Dosage and Administration:** 1.5 g per kg of weight (approx. 2 cm or 1/4 teaspoon) of Nutromix® UT Support per day.

**Commercial Presentation:** Tube x 60 and 120 g.



### Petonic® Recuperation Oral palatable solution

Nutraceutical recovery formula for dogs

**Composition:** Vit.A (as retinol palmitate) 250 000 IU, vit. D3 (as cholecalciferol) 50 000 IU, vit. E (as alpha tocopheryl acetate) 375 mg, vit. K3 (as menadione sodium bisulphite) 25 mg, vit. B1 (as thiamin hydrochloride) 350 mg, vit. B2 (as riboflavin 5 sodium phosphate) 400 mg, vit. B3 (as nicotinamide) 1 000 mg, vit. B5 (as calcium pantothenate) 1 500 mg, vit. B6 (as pyridoxine hydrochloride) 200 mg, vit. B7 (biotin) 0.2 mg, vit. B9 (as folic acid) 25 mg, vit. B12 (cyano-cobalamin) 1 mg, vit. B15 (sodium pangamate) 0.1 mg, vit. BH (as inositol) 0.3 mg, DL-Methionine 500 mg, L-Lysine (as hydrochloride) 250 mg, L-Threonine 50 mg, L-Tryptophan 7.5 mg, L-Histidine (as hydrochloride) 90 mg, L-Arginine (as hydrochloride) 49 mg, L- aspartic acid 145 mg, L-Serine 68 mg, glutamic acid 116 mg, L- Proline 51 mg, glycine 57.5 mg, L-Alanine 97.5 mg, L-Cystine (as hydrochloride) 15 mg, L-Valine 110 mg, L-Leucine 115 mg, L-Isoleucine 12.5 mg, L-Tyrosine 34 mg, L-Phenylalanine 81 mg, nucleotides 500 mg, essential fatty acids 50 mg, sodium selenite 12.5 mg, potassium iodide 50 mg, cobalt gluconate 50 mg, copper-edetate 20 mg, manganese- edetate 100 mg, zinc- edetate 300 mg, iron-edetate 21 mg, sodium chloride 1 000 mg, potassium chloride 825 mg, magnesium sulphate 45.5 mg, citric acid 300 mg, excipients q.s. ad. 100 mL.

**Indications:** As a support for the recovery of post-operative animals, sick, weak or elderly animals and as a health promoter for puppies.

**Dosage and Administration:** Oral administration, directly with food or in drinking water. To administer the dose at the rate of 1 to 2 mL per 5 kg daily, once or twice a day for 14 days.

**Commercial Presentation:** Bottles of 55 mL, 110 mL, 275 mL with dosing cap, graduated syringe and syringe holder.



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### Petonic® Cats Recuperation Oral Solution

Cat Nutraceutical Recovery Formula With Taurine, Carnitine, Glutamine and Arginine

**Composition:** "Each 100 mL contain: Nucleotides 1 500 mg, taurine 400 mg, L-carnitine 200 mg, DL-Methionine 500 mg, L-Lysine (as hydrochloride) 250 mg, L-Threonine 50 mg, L-Tryptophan 7.5 mg, L-Histidine (as hydrochloride) 90 mg, L-Arginine (as hydrochloride) 49 mg, L-Aspartic acid 145 mg, L-Serine 68 mg, glutamic acid 116 mg, L-Proline 51 mg, glycine 57.5 mg, L-Alanine 97.5 mg, L-Cysteine ( as hydrochloride) 15 mg, L-Valine 110 mg, L-Leucine 115 mg, L-Isoleucine 12.5 mg, L-Tyrosine 34 mg, L-Phenylalanine 81 mg, vit.A (as retinol palmitate) 250 000 IU, vit. D3 ( as cholecalciferol) 50,000 IU, vit.E (as alpha tocopheryl acetate) 375 mg, vit. K3 (as menadione sodium bisulfite) 25 mg, vit.B1 (as thiamine hydrochloride) 350 mg, vit. B2 (as riboflavin 5 sodium phosphate) 400 mg , vit.B3 (as nicotinamide) 1 000 mg, vit. B5 (as calcium pantothenate) 1 500 mg, vit. B6 (as pyridoxine hydrochloride) 200 mg, vit. B7 (Biotin) 0.2 mg, vit. B9 (as folic acid) 25 mg vit amine B12 (cyanocobalamin) 1 mg, vit.BH (such as Inositol) 0.3 mg, essential fatty acids 50 mg, sodium selenite 12.5 mg, potassium iodide 50 mg, Cobalt gluconate 50 mg, copper-edetate 20 mg, manganese-edetate 100 mg, zinc-edetate 300 mg, iron-edetate 21 mg, sodium chloride 1 000 mg, potassium chloride 825 mg, magnesium sulfate 45.5 mg, citric acid 300 mg, excipients csp 100 mL.

**Indications:** As support for the recovery of post-surgery animals, sick, weak or elderly animals, and as a health promoter for kittens. It also help cats with problemas eating or drinking.

**Doage and Administration:** Oral route, directly, with food or drinking water (its high palatability collaborates with its administration, especially in animals with decreased appetite), at a rate of 1 to 2 mL per 5 kg daily, once or twice at day for 14 days.

**Commercial Presentation:** Bottles (with measuring cap, graduated syringe and syringe holder) x 55 mL



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## ProBioenzyme® Px Premix

Enzymatic, probiotic and prebiotic premix

**Composition:** Each 1 g contains: Acid Protease (\*) 2800 U,  $\alpha$ -amylase (\*) 45 000 U,  $\alpha$ -mannanase (\*) 23 000 U, Xylanase (\*) 192 000 U,  $\alpha$ -glucanase (\*) 46 000 U, Cellulase (\*) 6500 U, Pectinase (\*) 4800 U, Phytase (\*) 1500 U, Inulin 5.50 mg, fructooligosaccharides (FOS) 10 mg, Probiotics (\*\*) 1.05 Billion CFU, excipients 1 g. (\*) As enzymatic complex. (\*\*) Probiotics mix: *Lactobacillus plantarum*, *Lactobacillus acidophilus*, *Lactobacillus rhamnosus*, *Bacillus subtilis*, *Bacillus licheniformis*, *Bifidobacterium longum*, *Bifidobacterium bifidum*, *Streptococcus thermophilus*, *Enterococcus faecium*, *Aspergillus oryzae*, *Saccharomyces cerevisiae*, *Bacillus coagulans*.

**Indications:** To improve the digestion of many nutrients present in the different ingredients of feed, facilitating their assimilation and decreasing the feed conversion ratio; Improves productivity by improving GIT health.

**Dosage and Administration:** Poultry: Broilers: 0.25 a 0.50 kg/TM of food. Laying hens: 0.25 kg/TM of food. Swine: 0.50 kg/TM of food.

**Commercial Presentation:** 100 g, 1 kg and 20 kg.



## ProBiolyte® WS | ZooLyte WS Water Soluble

Multielemental complex of vitamins, minerals, electrolytes, amino acids and probiotics

**Composition:** Each 100 g contains: Vit. A 1 000 000 IU, Vit. D3 250 000 IU, Vit. E 500 mg, Vit. K3 450 mg, Vit. B1 110 mg, Vit. B2 150 mg, Vit. B3 1000 mg, Vit. B5 550 mg, Vit. B6 75 mg, Vit. B7 40 mg, Vit. B9 20 mg, Vit. B12 1.2 mg, Vit. B15 20 mg, Vit. BH 50 mg, Vit. C 100 mg, aspartic acid 191.3 mg, glutamic acid 330 mg, alanine 84 mg, arginine 46.5 mg, cysteine 42.8 mg, phenylalanine 49.5 mg, glycine 413.3 mg, histidine 42 mg, isoleucine 111.8 mg, leucine 177.8 mg, lysine 1500 mg, methionine 1000 mg, proline 100.5 mg, serine 330 mg, tyrosine 39.8 mg, threonine 126 mg, tryptophan 31.5 mg, valine 106.5 mg, anhydrous citric acid 5000 mg, sodium chloride 5000 mg, potassium chloride 8750 mg, cobalt gluconate 32.8 mg, copper edetate 187.5 mg, chromium-Methionine 0.1 mg, iron-edetate 65 mg, manganese-edetate 162.5 mg, sodium selenite 50 mg, anhydrous magnesium sulfate 1250 mg, potassium iodide 250 mg, zinc edetate) 187.5 mg, inulin 500 mg, probiotics\* 0.1 billion CFU, excipients q.s. ad 100 g. (\*) Probiotic blend: *Lactobacillus plantarum*, *Lactobacillus acidophilus*, *Lactobacillus rhamnosus*, *Bacillus subtilis*, *Bacillus licheniformis*, *Bifidobacterium longum*, *Bifidobacterium bifidum*, *Streptococcus thermophilus*, *Enterococcus faecium*, *Aspergillus oryzae*, *Saccharomyces cerevisiae*, *Bacillus coagulans*.

**Indications:** Nutritional supplement and enhancer of organic functions, growth, production and health in production animals. Recommended as an adjuvant in all infectious diseases, poisoning, convalescence, abrupt temperature change, pre and post-vaccination, dehydration and transport. It acts as a restorative and anti-stress factor against pathogenic cases. To be used after infectious and non infectious enteric processes.

**Dosage and Administration:** Water: in general 500 - 750 g/1000 L of water (0.5 - 0.75 g/L of water). Food: in general 200 - 250 g/T of feed (0.2 - 0.25 g/kg of feed).

**Commercial Presentation:** 15 g, 100 g, 1 kg, 10 kg and 20 kg.



### Rumenade® P I Rumigold® Dispersible Powder

#### Ruminal Efficiency

**Composition:** Vit. A (retinol palmitate) 10 000 IU, Vit. D3 (cholecalciferol) 20 000 IU, Vit. E (alpha tocopherol acetate) 500 mg, Vit. B1 (thiamine hydrochloride) 5 mg, Vit. B2 (riboflavin 5-phosphate sodium) 10 mg, Vit. B5 (calcium pantothenate) 2 mg, Vit. B6 (pyridoxine hydrochloride) 2 mg, Vit. B12 (cyanocobalamin) 0.2 mg, DL-Methionine 2000 mg, L-lysine (L-Lysine hydrochloride) 100 mg, Probiotics 2.5 billion, Prebiotics (Inulin) 620 mg, Sodium Bicarbonate 30 000 mg, Calcium Carbonate 15 000 mg, Zinc sulphate (heptahydrate) 2500 mg, Cobalt sulphate (heptahydrate) 250 mg, Manganese sulphate (monohydrate) 250 mg, Green Ammoniacal Iron Citrate 1000 mg, Ginger powder 7500 mg, Gentian extract 10 000 mg, Yeast extract 7500 mg, Dimethylpolysiloxane 2250 mg, Colloidal kaolin (hydroxylated aluminum silicate) 5000 mg, Starch 5000 mg, Dextrose (monohydrate) 5000 mg, excipients 100 g.

**Indications:** Restores the operation and microorganism population in rumen, providing missing vitamins, electrolytes and mineral traces lost by the animal and needed by rumen microorganisms. Indicated in cases of ruminal lethargy, intestinal paralysis, constipation, simple indigestion and bloat.

**Dosage and Administration:** Adult cattle: up to 100 grams, every 12 hours and/or at discretion of the veterinarian; small ruminants: 50 - 100 grams, during 3 days and/or at discretion of the veterinarian. Administer through oral or intraruminal route.

**Commercial Presentation:** Sachet x 100 g.



### Vequinax WS Water Soluble

Nutraceutical supplement with immune stimulating action

**Composition:** *Echinacea purpurea* extract (equal to 0.4 g of chicoric acid) 25 g, excipients q.s. ad 100 g.

**Indications:** Stimulates the development of the immune system in all species, it is indicated as a coadjuvant treatment in any cases of infections, fever, delayed growth, and other conditions. Its immune stimulating action is due to cellular and humoral immunity development, improving interferon secretion and boosting white blood cell capacity. As a result of its use, it increases the antibody titer achieving a better immunity after vaccination. In addition, inhibits viral replication and prevents disease outbreaks such as: swine fever, swine flu, PRRS (Porcine reproductive and respiratory syndrome), and PCV (swine circovirus). As an aid in the prevention and treatment of poultry diseases such as IBD, Newcastle, influenza, etc.

**Dosage and Administration:** Poultry and pigs: in general: 50 - 100 g/200 L of water or 50 - 100 g/100 kg of feed. Poultry: as adjuvant therapy of viral diseases: 100 g in 150 L of water or 100 kg of total feed for 5 - 7 days; broiler chickens/ducks/turkeys: 100 g in 200 L of water after vaccination or between day 1 to 3 of age and thereafter, every 10 days for 3 consecutive days; layers: use it for 3 days each month or after vaccination, 100 g in 200 L of water. Pigs: piglets: mix 100 g with 100 kg of feed and use it for two weeks; sows: 100 g in 150 kg of feed or 300 L of water, use it 7 days before mating, 7 days after delivery and 7 days after weaning for 3 - 5 days; pigs between 13 and 17 week old: 100 g in 150 kg of feed or 300 L of water for 3 - 5 days. Other animals: horses and cattle: 1 - 2 g/50 kg of b.w.; young horses and cattle, sheep, goats, camelids: 1 - 2 g/animal; dogs and cats: 1 g/10 kg of b.w.; guinea pigs, rabbits and ornamental birds: 0.3 - 0.5 g/animal.

**Commercial Presentation:** 100 g, 1 kg y 20 kg.





## Vetonic® con Nucleótidos Oral Solution

Integral biostimulant, growth promoter. Unique with Nucleotix®

**Composition:** Vit. A (as retinol palmitate) 2 500 000 IU, Vit. D3 (as cholecalciferol) 500 000 IU, Vit. E (as alpha tocopheryl acetate) 3750 mg, Vit. K3 (as menadione sodium bisulfite) 250 mg, Vit. B1 (as thiamine hydrochloride) 3500 mg, Vit. B2 (riboflavin 5 phosphate sodium) 4000 mg, Vit. B3 (as nicotinamide) 10 000 mg, Vit. B5 (as calcium pantothenate) 15 000 mg, Vit. B6 (as pyridoxine hydrochloride) 2000 mg, Vit. B7 (Biotin) 2 mg, Vit. B9 (as folic acid) 250 mg, Vit. B12 (cyanocobalamin) 10 mg, Vit. B15 (sodium pangamate) 1 mg, Vit. BH (as Inositol) 3.0 mg, DL-Methionine 5000 mg, L-Lysine hydrochloride 2500 mg, L-Threonine 500 mg, L-Tryptophan 75 mg, L-Histidine hydrochloride 900 mg, L-Arginine hydrochloride 490 mg, L- Aspartic acid 1450 mg, L-Serine 680 mg, Glutamic acid 1160 mg, L-Proline 510 mg, Glycine 575 mg, L-Alanine 975 mg, L-Cysteine hydrochloride 150 mg, L-Valine 1100 mg, L-Leucine 1150 mg, L-Isoleucine 125 mg, L-Tyrosine 340 mg, L-Phenylalanine 810 mg, Nucleotides 5000 mg, Essential Fatty Acids 500 mg, Sodium Selenite 125 mg, Potassium Iodide 500 mg, Cobalt Gluconate 500 mg, Copper-edetate 200 mg, Manganese-edetate 1000 mg, Zinc edetate 3000 mg, Iron-edetate 210 mg, Sodium chloride 10 000 mg, Potassium chloride 8250 mg, Magnesium sulphate 455 mg, Citric acid 3000 mg, excipients q.s. ad 1000 mL.

**Indications:** Nutritional supplement recommended as growth promoter and as coadjuvant in all infectious diseases, poisoning, convalescence, sudden temperature changes, pre and post vaccination, dehydration and anti stress factor.

**Dosage and Administration:** From 1 to 2 L/1000 L of water. In direct form (or diluted) in cattle and horses: 20 to 30 mL; calves and foals: 5 to 10 mL; boars and lactating sows: 10 to 20 mL; piglets: 1.5 to 3 mL; sheep, goats and camelids: 3 to 6 mL (half of this in young animals); dogs and cats: 1 to 5 mL (half of this in young animals); rabbits and guinea pigs: 1 to 2 mL per liter of water. Administer orally.

**Commercial Presentation:** Bottle x 100 mL, 500 mL and 1 L.



## Zoovit® Bolus Water Soluble

Vitamins, minerals, electrolytes, amino acids and probiotics multielemental complex

**Composition:** Retinol Palmitate (Vit. A) 1 000 000 IU, Cholecalciferol (Vit. D3) 250 000 IU, DL-alpha tocopherol acetate (Vit. E) 500 mg, Menadione sodium bisulfite (Vit. K3) 450 mg, Thiamine hydrochloride (Vit. B1) 110 mg, Riboflavin 5-phosphate sodium dihydrate (Vit. B2) 150 mg, Nicotinamide (Vit. B3) 1000 mg, Calcium pantothenate (Vit. B5) 550 mg, Pyridoxine hydrochloride (Vit. B6) 75 mg, Biotin (Vit. B7) 40 mg, Folic Acid (Vit. B9) 20 mg, Cyanocobalamin (Vit. B12) 1.2 mg, Sodium pangamate (Vit. B15) 20 mg, Inositol (Vit. BH) 50 mg, Ascorbic acid (as sodium ascorbate) (Vit. C) 100 mg, Amino acids, L-Aspartic acid 191.3 mg, Glutamic acid (as monosodium glutamate) 330 mg, L-Alanine 84 mg, L-Arginine Hydrochloride 46.5 mg, L-Cysteine hydrochloride monohydrate 42.8 mg, L-Phenylalanine 49.5 mg, Glycine 413.3 mg, L-Histidine hydrochloride monohydrate 42 mg, L-Isoleucine 111.8 mg, L-Leucine 177.8 mg, L-Lysine hydrochloride 1500 mg, DL-Methionine 1000 mg, L-Proline 100.5 mg, L-Serine 330 mg, L-Tyrosine 39.8 mg, L-Threonine 126 mg, L-Tryptophan 31.5 mg, L-Valine 106.5 mg, Citric acid anhydrous 5000 mg, Sodium chloride 5000 mg, Potassium chloride 8750 mg, Cobalt gluconate 32.8 mg, Copper edetate 187.5 mg, Chrome methionine 0.1 mg, Iron edetate 65 mg, Manganese edetate 162.5 mg, Sodium selenite pentahydrate 50 mg, Magnesium sulphate anhydrous 1250 mg, Potassium iodide 250 mg, Zinc edetate 187.5 mg, Inulin 500 mg, Probiotics 0.1 Billion CFU, excipients q.s. ad 100 g.

**Indications:** Recommended as coadjuvant in all infectious diseases, poisoning, convalescence, sudden changes in temperature, pre and post vaccination, dehydration and anti stress factor.

**Dosage and Administration:** Water: 500 - 750 g/1000 L of water, food: 200 - 250 g/Ton of feed. Administer orally in drinking water or food.

**Commercial Presentation:** Package for 70 units.







# Others

- Line of large animals am
- Line of companion animals ac
- Line of poultry and swine av



## Adrena-Vida® | Analeptin Injectable Solution

Powerful vessel constrictor for the treatment of anaphylactic shock

**Composition:** Adrenaline (as bitartrate) 1 mg, excipients q.s. ad 1 mL.

**Indications:** Treatment of type I hypersensitivity reactions (anaphylactic shock). It can be applied directly in open wounds or skin abrasions to induce hemostasis. As peripheral vasoconstrictor in highly bleeding surgical procedures.

**Dosage and Administration:** Horses and cattle: 4 - 8 mL/animal; calves, sheep, pigs and goats: 1 - 3 mL/animal; dogs and cats: 0.1 - 0.5 mL/animal. Apply through subcutaneous, intramuscular or intravenous route.

**Commercial Presentation:** Bottle x 50 mL.



## Alcanforvet® Alcanforado Plus

Injectable Solution

Respiratory and cardiovascular stimulant

**Composition:** Synthetic camphor 200 mg, Guaiacol glyceryl ether 50 mg, Bromhexine 5 mg, Eucalyptol 50 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment of bronchopulmonary disorders such as acute and chronic bronchitis or tracheobronchitis; emphysematous bronchitis and bronchiectasis; anthracosis and chronic inflammatory neuropathy, as well as in cases of breathing difficulties, physical exhaustion, shock, collapse and generally as coadjuvant in infectious respiratory diseases. Also indicated in cases of horse mumps and distemper.

**Dosage and Administration:** Cattle and horses: 10 - 20 mL/animal; camelids, sheep, goats and pigs: 5 -10 mL/animal; dogs and cats: 2 - 5 mL/animal. The dose can be repeated every 12 - 24 hours during the disease and/or convalescence. Apply through deep intramuscular route. In dogs and cats use only the subcutaneous route.

**Commercial Presentation:** Bottle x 100 mL.



## Antipirozene B12® Granules for Injection

Hemoparasiticide, antianemic and antipyretic

**Composition:** Diminazene aceturate 1.05 g, Vitamin B12 3 mg, Antipyrine q.s. ad 2.36 g.  
**Indications:** Prophylaxis and treatment of babesia/piroplasmosis, trypanosomiasis and cytauxzoonosis. Vitamin B12 helps in preventing agranulocytosis and leukopenia. Antipyrine ensures solubility and acts as support against inflammation and fever.

**Dosage and Administration:** In general, 3.5 mg/kg b.w. To obtain this result, dissolve the entire contents (2.36 g) in 15 mL of sterile water. Inject 1 mL/20 kg of b.w. In dogs, add 25 mL of sterile water to each sachet of 2.36 g; inject 1 mL/10 kg. Apply at Intervals of 24 hours or according to discretion of the veterinary doctor. Dogs: Babesia: repeat after 25 hours; trypanosomiasis: repeat every two weeks until clinical remission reported by the laboratory. Cattle, sheep, goats and horses: Only once, and do not exceed 4 g total per animal. If it is required to repeat the dose, this is done at discretion of the veterinary doctor after 24 hours. Horses: Divide the total dose and apply at intervals of 1 - 2 hours. Apply by intramuscular route.

**Commercial Presentation:** Sachet x 2.36 g and 23.6 g.



## Aquacid Cu OS Oral Solution

Acidifier based on organic acids and copper

**Composition:** Each 100 mL contains: formic acid 23 g, acetic acid 23 g, propionic acid 4 g, lactic acid 15 g, copper sulfate 0.50 g, water q.s. ad 100 mL.

**Indications:** As a preventive measure, when it is required to acidify water -and the intestinal tract- and as part of a program to improve water quality, increasing the availability of nutrients, intestinal health and the preservation of water and wet feed. As required, in the regulation of the pH of highly alkaline waters within the optimum range for the antibacterial effect of chlorination (pH 7.2-7.8). Specific indications include digestive problems following vaccination, stress situations, following the use of antibiotics, wet bed, poor feeding, among other situations. Its use can improve conversion rate, egg shell quality, fertility, laying percentage, hatching rate and delayed growth.

**Dosage and Administration:** Poultry and swine: In drinking water at a rate of 1 - 2 liters per 1000 liters of water. Depending on circumstances, dosage may be increased and the period of administration may be extended. Dosage is also directly proportional to the hardness of the drinking water.

**Commercial Presentation :** 1L, 12L y 20L.



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## Diuride® 500 | Furox 500 Injectable Solution

Diuretic and saluretic

**Composition:** Furosemide 50 mg, excipients q.s. ad 1 mL.

**Indications:** The most frequent application is in the treatment of edematous states. Coadjuvant in removing the accumulation of inflammatory and non inflammatory pathological liquids, tissue liquids and cavitory liquids through urine. Indicated for the treatment of severe edema: pulmonary, bronchial, cerebral, in udders (physiological and pathological edema), scrotum and prepuce, limbs and hypostatic (due to prostration). In cases of ascites, congestive heart failure, hydrothorax or hydropericardium. In calculus, nephropathy and uremia..

**Dosage and Administration:** Cattle and horses: 1 mL/50 kg of b.w.; sheep, camelids, goats and pigs: 1 mL/20 kg of b.w.; dogs and cats: 0.5 - 1 mL/10 kg of b.w. Apply through subcutaneous, intramuscular or intravenous route.

**Commercial Presentation:** Bottle x 20 mL, 50 mL and 100 mL.



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## Hemostop® K Injectable Solution

Antihemorrhagic vasotrophic with procoagulant factor

**Composition:** Carbazochrome sodium sulfonate 5 mg, Vit. K3 (menadione sodium bisulfite) 10 mg, excipients q.s. ad 1 mL.

**Indications:** Selective parietal hemostatic agent for damaged vessels and regulator of prothrombin levels. Prevention and treatment of surgical and traumatic hemorrhages, in hematomas and hypoprothrombinemia hemorrhages. In vitamin K deficiency that causes hemorrhages and intoxication with inhibitors of vitamin K. In the treatment of hematurias, melenas, hematemesis, hemoptisis, hemorrhagic metropathy, post-partum and post-abortion hemorrhages, thrombopenic and vascular purpura, ecchymosis, epistaxis and petechiae. Specific in cattle hematuria and intoxication with sweet trefoil.

**Dosage and Administration:** Cattle, goats, sheep, pigs and camelids: 1 mL/10 kg of b.w. in cases of moderate hypoprothrombinemia and 3 mL/10 kg of b.w. in cases of severe hypoprothrombinemia with hemorrhage. Horses: 1 mL/40 kg of b.w. in cases of moderate hypoprothrombinemia and 1 mL/10 kg of b.w. in cases of hypoprothrombinemia with hemorrhage. Dogs and cats: 1 mL/5 kg of b.w. Apply through intramuscular, subcutaneous or intravenous route (this last one has to be diluted).

**Commercial Presentation:** Bottle x 20 mL and 50 mL.



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## Hemo-Stop® Tabs Coated tablets

Anti-hemorrhagic, hemostatic platelet with antifibrinolytic factor

**Composition:** Etamsylate BP 250.00 mg, tranexamic acid 250.00 mg, excipients q.s. ad. 1 tablet.

**Indications:** Hemo-Stop® Tabs is used as coadjuvant in the treatment and control of hemorrhages. Control of hemostasis in traumatic, surgical, pathological processes and obstetric manipulations. Pre, trans and post-surgical hemorrhagic prophylaxis, particularly in gynecology, urology, and odontology. It is suitable for the control of dysfunctional uterine bleeding, acts as coadjuvant in the treatment of coagulation disorders and prevention of small blood vessel hemorrhages, hematuria, melena, hematemesis, epistaxis, parvovirus, auriculohematomas, caudotomy, auriculotomy, metrorrhagia, elitorragias, oncotomies, NSAID poisoning, gastric and duodenal ulcer perforation, traumatic peritonitis, ecchymosis, purpuras.

**Dosage and Administration:** Oral Route. 1/2 tablet per 10 to 12.5 kg every 6-8 hours until the desired effect is achieved. To administer the dose for 1 to 5 days, until bleeding is controlled or in accordance with the criteria of the veterinarian. In surgery: preoperative stage: 1 hour before. In postoperative stage: every 6-8 hours while the risk of hemorrhage persists.

**Commercial Presentation:** Box of 30 tablets.



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## Imidox® 120 Injectable Solution

Antiprotozoal hemoparasiticide agent

**Composition:** Imidocarb dipropionate 120 mg, excipients q.s. ad 1 mL.

**Indications:** For the treatment and prevention (before the introduction of livestock to areas of risk) against piroplasmosis, anaplasmosis (both also known as "tick fever"), ehrlichiosis, hepatozoonosis and cytauxzoonosis.

: Piroplasmosis: cattle, sheep and goats: 1 mL/100 kg; horses: 2 mL/100 kg; dogs and cats: 0.25 mL/10 kg. Anaplasmosis and piroanaplasmosis: cattle, sheep and goats: 2.5 mL/100 kg; Ehrlichiosis: dogs: 0.5 mL/10 kg of b.w.; Cytauxzoonosis: cats: 0.2 mL/10 kg of b.w. Apply through intramuscular route in horses, and preferably subcutaneously in the dorsal area of cattle, sheep, goats, dogs and cats.

**Commercial Presentation:** Bottle x 20 mL and 100 mL.



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## Mastitest® CMT Diagnostic Reagent

Mastitis diagnostic test for dairy cattle

**Composition:** Test for detection of cattle mastitis in milk

**Indications:** Test that detects cattle mastitis by a simple, rapid, accurate and economic way. It is done by the side of the animal by means of a visible instant reaction, being an effective method for monitoring changes in health of the udder.

**Commercial Presentation:** Kit: one flask of 500 mL of concentrated reactive, test paddle designed for an accurate visual reaction, dispensing flask to administer the reactive, measure cup, leaflet with the use instructions. Refill: One flask of 500 mL of concentrated reactive, measure cup, leaflet with the use instructions.



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## No-Fly Multipurpose Granules

Neonicotinoid fly killer bait with alluring and bittering effect

**Composition:** Imidacloprid 0.5 g, Z-(9)-Tricosene 0.1 g, Denatonium benzoate 0.01 g, excipients q.s. ad 100 g.

**Indications:** It is highly effective against houseflies: *Musca doméstica*, dung flies: *Scatophaga stercoraria*, bluebottle flies: *Calliphora vomitoria*, stable flies: *Stomoxys calcitrans*, northern house mosquito: *Culex pipiens*, etc.

**Dosage and Administration:** Spreading: Place 20 g/10 m<sup>2</sup> of No-Fly on a flat surface, moistened in peripheral areas of facilities to attract the flies from the interior of sheds and corrals. Remoisten regularly and replace in accordance with deterioration and/or use. Pulverization: Dissolve 100 g in 100 mL of water for each 50 m<sup>2</sup>. Leave standing for 15 – 30 minutes and spray the area, or directly to the surfaces where insects rest. Close the building during application and for at least 30 minutes after application. Painting: Dissolve 100 g in 75 mL of water. Leave standing for 20 minutes. Apply using a brush on walls, doors, and/or surfaces where insects land. Traps: Dissolve 100 g in 75 mL of water to impregnate wood or cardboard panels with the solution and suspend them over areas frequented by insects. In all cases, apply the products in response to insect proliferation until full disinfestation is achieved.

**Commercial Presentation:** Box x 25 20 g units, 200 g talker and 1 kg.



**Avivet.**



## Sequent® PSP Insecticide

Insecticide of natural origin of single action and prolonged affect

**Composition:** Each 100 mL contains: Spinosad (Spinosyn A and Spinosyn D) 48 g, excipients q.s.ad 100 mL.

**Indications:** Control of house flies and their larvae, barn flies (*Musca domestica* and *Stomoxys calcitrans*), house mosquitoes (*Fannia canicularis*), dung beetle or black beetle (*Alphitobius diaperinus*) and leather beetle (*Dermestes* spp.); inside around livestock facilities. Control of bird mites: *Dermanyssus gallinae* (red mite) and *Ornithonyssus bursa* (coruco) *Ornithonyssus sylviarum* (tropical ornithosum), in and around livestock facilities as well as in birds themselves.

**Dosage and Administration:** Dilute 30mL in 14 L of water. Apply no more than 4 L per 100 birds to ensure adequate coverage. Reapply every 14 days or when required. For the first application of Sequent® PSP and in severe infestations, use 60 mL/7 L of water.

**Commercial Presentation:** Bottle x 30 and 500 mL.

**Avivet.**



## Vácidos Tablets

Chlorine neutralizer, buffer and water dye for bird vaccine solution

**Composition:** One tablet contains: Sodium thiosulfate 1.5 g, EDTA disodium 4.12 g, excipients q.s. ad 1 tablet.

**Indications:** Effective water softener, it makes hard water suitable for drinking; powerful chlorine neutralizer and neutralizing agent: maintains ideal pH from 5.4 to 6.5 for vaccine dosage, medicines and probiotics; eliminates contaminating heavy metals from water, such as iron, lead, arsenic, mercury, etc, to make drinking water safe; controls vaccine delivery solution within the water network and dyes the dung of birds that have drink the water.

**Dosage and Administration:** One tablet for 100 L of water.

**Commercial Presentation:** Container x 100 tablets, container x 50 tablets.



**Avivet.**





## VentoCardyl® | Cardiopulmin® Injectable Solution

Cardiorespiratory analeptic

**Composition:** Heptaminol hydrochloride 100 mg, Diprophylline (dyphylline) 100 mg, excipients q.s. ad 1 mL.

**Indications:** For cases of altitude sickness, newborn resuscitation, to reverse the effects of neuroleptics and other anesthetics, cardiac cough, collapse, heart failure, myocardial ischemia, circulatory deficiency, hypotension, myocarditis, venous insufficiency, asthenia, exhaustion, and as non-specific anti-fatigue tonic. As bronchodilator, indicated in obstructive respiratory tract disease (when it is reversible). Concomitant treatment in disorders of the respiratory tract, dyspnea (associated to congestion and pulmonary edema, as additional therapy), pulmonary edema.

**Dosage and Administration:** mL/10 kg of b.w., if necessary the dose can be repeated every 4 - 5 hours, up to 4 - 5 days. Apply through intravenous, intramuscular or intraperitoneal route.

**Commercial Presentation:** Bottle x 50 mL and 100 mL.



## Vetactin® Oral Solution

Powerful appetite stimulant

**Composition:** Tricholine citrate 55 mg, cyproheptadine HCl 0,4 mg, excipients q.s. ad. 1 mL

**Indications:** General tonic, stimulates appetite, liver function and secretion of digestive juices. It promotes protein synthesis and muscle development. It also provides anorexigenic and hepatoprotective action, promoting weight gain and improving protein synthesis. Vetactin® is indicated for hepatobiliary disorders associated with anorexia and other conditions requiring an increase in voluntary food intake. It is considered as coadjuvant to post-operative, traumatic and disease treatments associated with the reduction in the general condition of the animal. This solution is suitable for physical fatigue, lack of development, muscle weakness. It is used as a complement to anti-tuberculosis, carcinogenic and antiretroviral regimens.

**Dosage and Administration:** Oral route. Dogs: 1 mL/2 kg every 12 hours. Cats: 2 - 4 mL/animal once to twice a day, directly in the animal's mouth, preferably 2 hours before the meal.

**Commercial Presentation:** Bottle x 100 and 200 mL



## Virodine® S Disinfectant

Synergic, balanced and stabilized disinfectant. Broad spectrum microbicide

**Fórmula:** Each 100 g contains: Potassium Peroxymonosulfate 53 g, sodium dodecylbenzene sulfonate 10 g, sulfamic acid 6 g, sodium chloride 3 g, excipients q.s. ad 100 g.

**Indications:** It is indicated for the disinfection of facilities, surfaces, equipment, structures, eggs, vehicles, water and air distribution systems; foot bath, water distribution systems and areas with the presence of animals.

**Dosage and Administration:** Routine disinfection of surfaces, soil, wood and concrete; routine cleaning and disinfection of portable equipment: 1:100/1:200 (5-10 g/L of water), use 300 mL/m<sup>2</sup>. Disinfection of foot bath 1:100 (10 g/L of water). Disinfection for water distribution system: terminal disinfection 1:200 - 1:100 (0.5% - 1%), continuous disinfection 1:1000 (0.1%). Aerial disinfection by nebulizer: 1:200 (10 g/L of water), use 1 L/100 m<sup>3</sup>. Aerial disinfection in the presence of animals by thermospray: 1:200 (10 g/L of water), use 1 L/100 m<sup>3</sup>. For the disinfection of drinking water, 1:1000 (0.5 g/L).

**Commercial Presentation:** 50 g, 500 g, 1 kg and 5 kg.



## Viroguard® 6 | Envirocide Disinfectant

Broad spectrum and long action synergistic and concentrated disinfectant association

**Composition:** Each 1 mL contains: benzalkonium chloride 170.6 mg, didecyl dimethyl ammonium chloride 78 mg, glutaraldehyde 107.25 mg, isopropyl alcohol 200 mg, pine oil 50 mg, excipients 1 mL.

**Indications:** Effective for the prevention and control of outbreaks of the main infectious diseases caused by viruses, bacteria or fungi (including spores), including the causative agents of classical swine fever, foot-and-mouth disease, avian influenza, colibacillosis, mycoplasmosis, etc. Thanks to its sophisticated formulation, it can be used at extremely low dilutions.

**Dosage and Administration:** Sheds: Clean and wash the surface to be disinfected. After rinsing, apply Viroguard® 6 at a dose of 0.25-0.5% (1:400-1:200) (1 L of the preparation/4 m2) by spraying. Vehicles: Clean and wash vehicles. After rinsing, apply Viroguard® 6 at a dose of 0.25-0.5% (1:400-1:200) (1 L of the preparation/4 m2) by spraying. Tires: submerge at a dose of 1%. Warehouses and mills: Clean and wash surfaces. After rinsing, apply Viroguard® 6 at a dose of 0.25-0.5% (1:400-1:200). Rinse after 15 minutes of contact time

**Commercial Presentation:** 1 L, 5 L, 10 L, 20 L and 200 L.



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## V-Tropin® 0.3% Injectable Solution

Acetylcholine inhibitor - antimuscarinic agent

**Composition:** Atropine sulphate 3 mg, excipients q.s. ad 1 mL.

**Indications:** Parasympatholytic, anticholinergic, antisecretory and antidote on muscarinic and insecticide poisoning. Antidote of eserine, arecoline, pilocarpine, morphine and chloroform, organophosphates, carbamates and arsenicals. Reduces smooth muscle spasms. As pre-anesthetic, reduces the salivary and bronchial secretions. Reduces gastrointestinal peristalsis and accelerates the heart rate. Mydriatic for eye fundus examination.

**Dosage and Administration:** Cattle and horses: 1.5 - 2 mL/100 kg of b.w.; sheep, pigs and camelids: 0.5 - 1 mL/50 kg of b.w.; dogs and cats: 0.15 - 0.2 mL/10 kg of b.w.; as antidote: 0.5 mg/kg of b.w. (one quarter of the dose applied by endovenous route, the rest by subcutaneous route), then apply 0.02 - 0.05 mg/kg of b.w. every 20 to 30 minutes until clinical improvement occurs. Apply through subcutaneous, intramuscular or intravenous route.

**Commercial Presentation:** Bottle x 20 mL and 50 mL.









	Temperature		RR (breaths/min)		HR (beats/min)		Capillary refill
Specie	Min °C	Max °C	Min	Max	Min	Max	Seconds
Bovines							
Lactating calves	39	40	20	40	90	110	-
Young	38.5	39.5	15	40	70	90	-
Adult	37.5	39.5	10	30	60	80	2-3
Pigs							
Young	39.5	40.5	15	20	100	110	-
Adult	38	40	20	30	70	80	2-3
Horses							
1 - 2 days foal	37	38.5	20	40	100	120	-
1 - 2 years colt	37.5	39.5	10	24	40	56	-
Adult	37.5	38.5	10	20	28	40	2-3
Sheep							
Adult	38.6	40	12	15	70	80	2-3
Goats							
Young	38.8	39.8	35	45	60	80	-
Adult	38.8	40.5	12	18	70	80	2-3
Dogs							
Young	38.5	39.5	18	20	110	120	-
Adult	37.5	39	10	30	90	100	1-2
Cats							
Young	38	38.5	15	35	130	140	-
Adult	38	39	20	40	120	140	1-2
Guinea pigs							
Adult	37.5	38.5	82	90	230	280	-
Rabbits							
Adult	38.3	39.5	50	60	180	300	-
Poultry							
Baby chick	39.5	40	15	30	350	450	-
Broiler chicken	40.5	42	26	36	250	300	-
Hen	40.6	40.6	-	-	130	165	-





Age ranges for weaning	
Foal	6 - 8 months
Feedlot calf	5 - 6 months
Grazing calf (extensive production)	8 - 10 months
Dairy calf (intensive production)	2 months
Lamb	8 - 16 weeks
Piglet	3 - 4 weeks
Kid	6 - 10 weeks
Puppy	4 - 6 weeks
Kitty	4 - 6 weeks





	Puberty	Reproductive maturity
<b>Horses</b>		
Filly	15 - 24 months	3 - 4 years
Colt	14 - 18 months	2 - 3 years
<b>Cattle</b>		
Dairy heifer	10 - 12 months	12 - 14 months
Feedlot heifer	11 - 15 months	2 years
Bull calf	14 - 17 months	20 - 30 months
<b>Swine</b>		
Shoat	5 - 8 months	9 - 10 months
Gilt	5 - 8 months	6 - 7 months
<b>Sheep</b>		
Ewe lamb	6 - 9 months	9 months
Ram lamb	4 - 9 months	6 months
<b>Goats</b>		
Doe kid	5 - 7 months	7 months
Buck kid	4 - 6 months	6 months
<b>Canines</b>		
Bitch	7 - 10 months	1.5 years
Dog	7 months	1 years
<b>Felines</b>		
Tom	4 - 10 months	9 - 12 months
Queen	6 - 9 months	1 years
<b>Camelids</b>		
Male alpaca	24 months	2 - 3 years
Female alpaca	12 - 13 months	1 - 2 years





	Estrous cycle	Estrous duration	Pregnancy	Puerperium
<b>Mare</b>	18-24 days	7 ( 5 - 8 ) days	335 - 350 days	28 - 32 days
<b>Cow</b>	20-22 days	18 ( 12 - 32 ) hours	279 - 284 days	40 - 60 days
<b>Sow</b>	19-23 days	48 - 72 hours	114 days	25 - 30 days
<b>Ewe</b>	17(14-19) days	24 - 36 hours	140 - 155 days	30 - 35 days
<b>Nanny goat</b>	21(18-22) days	24 - 48 hours	150 days	30 - 35 days
<b>Bitch</b>	6 months	9 days	63 ± 5 days	10 - 12 weeks
<b>Queen</b>	Undefined	variable (7 - 14 days)	58 - 68 days	10 - 12 weeks
<b>Alpaca</b>	Undefined	variable	343 - 345 days	14 - 25 days











ERYTHRON DATA					
	Un				
Hematocrit (hct)	%	24 - 46	27 - 45	22 - 38	36 - 43
Erythrocytes	(x10 <sup>6</sup> /uL)	5.0 - 10.0	9.0 - 15.0	8.0 - 18.0	5 - 7
Hemoglobin	(g/dL)	8.0 - 15.0	9.0 - 15.0	8.0 - 12.0	9 - 13
MCV (Mean corpuscular volume)	fL	40 - 60	28 - 40	16 - 25	52 - 62
MCH (Mean corpuscular hemoglobin)	pg	11 - 17	8 - 12	5.2 - 8	17 - 24
MCHC (Mean corpuscular hemoglobin concentration)	g/dL	30 - 36	31 - 34	30 - 36	29 - 34
Erythrocyte lifespan	días	160	140 - 150	125	85




LEUKOGRAM DATA					
	Un				
White blood cells	10 <sup>3</sup> /uL	4 - 12	4 - 12	4 - 13	11 - 22
Neutrophils	10 <sup>3</sup> /uL	0.6 - 4	0.7 - 6	1.2 - 7.2	2 - 15
Bands	10 <sup>3</sup> /uL	0 - 0.12	raro	raro	0 - 0.8
Lymphocytes	10 <sup>3</sup> /uL	2.5 - 7.5	2 - 9	2 - 9	3.8 - 16.5
Monocytes	10 <sup>3</sup> /uL	0 - 0.87	0 - 0.75	0 - 0.55	0 - 1
Eosinophils	10 <sup>3</sup> /uL	0 - 2.4	0 - 1	0.05 - 0.65	0 - 1.5
Basophils	10 <sup>3</sup> /uL	0 - 0.2	0 - 0.3	0 - 0.12	0 - 0.5




HEMOSTATIC DATA					
	Un				
Platelet count	10 <sup>3</sup> /uL	100 - 800	250 - 750	300 - 600	200 - 500
Fibrinogen	mg/dL	200 - 500	100 - 500	100 - 400	200 - 400




BIOCHEMICAL					
	Un				
Total bilirubin	mg/dL	0.01 - 0.47	0.1 - 0.42	0 - 0.1	0 - 0.5
Direct bilirubin	mg/dL	0.04 - 0.44	0 - 0.27	-	0.0 - 0.02
Indirect bilirubin	mg/dL	0 - 03	0 - 0.12	-	-
Cholesterol	mg/dL	80 - 120	52 - 76	80 - 130	81 - 134
Creatinine	mg/dL	1 - 2	1.2 - 1.9	1 - 1.8	0.8 - 2.3
Glucose	mg/dL	45 - 75	50 - 80	50 - 75	66 - 116
Total serum protein	g/dL	6.7 - 7.45	6 - 7.9	6.4 - 7	5.8 - 8.3
Albumin	g/dL	3 - 3.6	2.4 - 3	2.7 - 3.9	2.3 - 4.0
Globulin	g/dL	3.0 - 3.48	3.5 - 5.7	2.7 - 4.1	3.9 - 6.0
Urea nitrogen	mg/dL	20 - 30	8 - 20	10 - 20	8.2 - 25




ENZYMES					
	Un				
Alkaline phosphatase	UI/L	22.5 - 130	38.5 - 228	44 - 246.5	41 - 176
Alanina aminotransferase (ALT)	UI/L	8.95 - 37.5	14.3 - 33.67	19.5 - 67.5	22 - 47
Aspartate transaminase (AST)	UI/L	51.5 - 126	54.5 - 201.5	56 - 195.5	15 - 55
Creatine phosphokinase (CPK)	UI/L	14.4 - 107.0	100 - 547	104 - 219	66 - 489
Gamma-glutamyl transpeptidase	UI/L	15 - 39	40 - 94	34 - 65	31 - 52
Lactate dehydrogenase (LDH)	UI/L	697 - 1445	238 - 440	123 - 392	160 - 425
Sorbitol dehydrogenase	UI/L	12 - 53	18 - 77	2 - 57	0.5 - 4.9




ELECTROLYTES					
	Un				
Sodium	mEq/L	134 - 148	140.5 - 156	139.5 - 153.5	139 - 153
Potassium	mEq/L	3.75 - 5.35	4.1 - 5.85	3.65 - 6.2	4.4 - 6.5
Chloride	mEq/L	98 - 109	98 - 108	99.5 - 111	97 - 106
Calcium	mg/dL	8.85 - 11.9	10.4 - 12.25	8.95 - 11.65	9.3 - 11.5
Phosphorus	mg/dL	5.6 - 7.25	4.5 - 7.3	4.0 - 6.9	5.5 - 9.3
Magnesium	mg/dL	1.65 - 2.6	2.1 - 2.75	2.45 - 3.25	2.3 - 3.5




ERYTHRON DATA				
	Un			
Hematocrit (hct)	%	32 - 53	35 - 57	30 - 50
Erythrocytes	(x10 <sup>6</sup> /uL)	6.7 - 12.9	5 - 7.9	5 - 10
Hemoglobin	(g/dL)	11 - 19	12 - 19	10 - 15
MCV (Mean corpuscular volume)	fL	37 - 58.5	66 - 77	39 - 55
MCH (Mean corpuscular hemoglobin)	pg	12.3 - 19.7	21 - 26.2	13 - 17
MCHC (Mean corpuscular hemoglobin concentration)	g/dL	31 - 38.6	32 - 36.3	30 - 36
Erythrocyte lifespan	days	140 - 150	120	70

LEUKOGRAM DATA				
	Un			
White blood cells	10 <sup>3</sup> /uL	5.4 - 14.3	5 - 14.1	5.5 - 19.5
Neutrophils	10 <sup>3</sup> /uL	2.3 - 8.6	2.9 - 12	2.5 - 12.5
Bands	10 <sup>3</sup> /uL	0 - 0.1	0 - 0.45	0 - 0.3
Lymphocytes	10 <sup>3</sup> /uL	1.5 - 7.7	0.4 - 2.9	1.5 - 7.0
Monocytes	10 <sup>3</sup> /uL	0 - 1	0.1 - 1.4	0 - 0.9
Eosinophils	10 <sup>3</sup> /uL	0 - 1	0 - 1.3	0 - 0.8
Basophils	10 <sup>3</sup> /uL	0 - 0.29	0 - 0.1	0 - 0.2

HEMOSTATIC DATA				
	Un			
Platelet count	10 <sup>3</sup> /uL	100 - 600	211 - 621	300 - 800
Fibrinogen	mg/dL	200 - 400	150 - 300	150 - 300

BIOCHEMICAL				
	Un			
Total bilirubin	mg/dL	0 - 2	0.1 - 0.61	0 - 0.5
Direct bilirubin	mg/dL	0 - 0.4	0.06 - 0.12	0 - 0.15
Indirect bilirubin	mg/dL	0.2 - 2	0.01 - 0.49	0 - 0.35
Cholesterol	mg/dL	75 - 150	135 - 345	89 - 258
Creatinine	mg/dL	1.2 - 1.9	0.6 - 1.6	1.1 - 2.2
Glucose	mg/dL	75 - 115	70 - 120	73 - 134
Total serum protein	g/dL	5.7 - 7.9	5.6 - 7.4	6.6 - 8.4
Albumin	g/dL	2.5 - 3.9	2.9 - 3.9	1.9 - 3.9
Globulin	g/dL	2.62 - 4.04	2.3 - 3.9	2.9 - 5.3
Urea nitrogen	mg/dL	10 - 24	20 - 40	18 - 33

ENZYMES				
	Un			
Alkaline phosphatase	UI/L	78 - 256	15 - 128	14 - 71
Alanina aminotransferase (ALT)	UI/L	2.85 - 22	19 - 70	28 - 106
Aspartate transaminase (AST)	UI/L	149 - 410	15 - 43	12 - 46
Creatine phosphokinase (CPK)	UI/L	119 - 287	46 - 320	< 550
Gamma-glutamyl transpeptidase	UI/L	8 - 22	0 - 10	0 - 10
Lactate dehydrogenase (LDH)	UI/L	162 - 412	25 - 220	58 - 120
Sorbitol dehydrogenase	UI/L	0 - 8	3.1 - 7.6	2.4 - 6.1

ELECTROLYTES				
	Un			
Sodium	mEq/L	130 - 144	145 - 154	146 - 156
Potassium	mEq/L	2.65 - 4.65	4.1 - 5.3	3.2 - 5.5
Chloride	mEq/L	98.5 - 109	110 - 124	113 - 121
Calcium	mg/dL	10.7 - 13.5	9.9 - 11.4	9.4 - 11.4
Phosphorus	mg/dL	2.3 - 5.15	3 - 6.2	3.2 - 6.3
Magnesium	mg/dL	1.8 - 2.55	1.2 - 2.4	1.5 - 2.5

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