# **CALFOMA® 12 - Injectable Solution**

CALCIUM, PHOSPHATE, MAGNESIUM AND VITAMIN B12.



Calfoma-12® is recommended in the syndrome of the fallen cow of metabolic origin: deficiencies of Calcium, Phosphorus, Magnesium and Vitamin B12. It is also indicated in lactation tetany, deficiency states or insufficient mineral intake, as well as for the toning of animals.

# **Technical Specification**

#### **SPECIES**

Cattle, sheep, goats, pigs and horses.

**DOSAGE FORM** 

Injectable solution

THERAPEUTIC ACTION

Calcium, Phosphate, Magnesium and Vitamin B12.

# **COMPOSITION**

Each 100 mL contains:	
Calcium gluconate	25.0 g
Sodium Glycerophosphate x 5.5 H2O	1.0 g
Vitamin B12	3.5 mg
Magnesium Chloride x 6 H2O	6.0 g
Excipients a.s.p	100 mL

#### **INDICATIONS**

Calfoma-12<sup>®</sup> is recommended in the syndrome of the fallen cow of metabolic origin: deficiencies of Calcium, Phosphorus, Magnesium and Vitamin B12. It is also indicated in lactation tetany, deficiency states or insufficient mineral intake, as well as for the toning of animals.

# **USE INSTRUCTIONS**

Warm the container before administering the product. Inject aseptically. It should be administered by slow intravenous route, observing the reaction of the animal against any symptoms of tachycardia or arrhythmia.

Route of administration: Endovenous, subcutaneous or intramuscular.

# Dosage:

- Bovines: 250 to 800 mL in hypocalcemia.
- Calves between 50 to 100 Kg: 25 to 60 mL for toning.
- Sheep and goats: 25 to 60 mL in hypocalcemia, hypomagnesemia and / or toning.
- Pigs: 25 to 60 mL for toning.
- Piglets between 10 to 30 Kg: 5 to 10 mL for toning.
- Horses: 250 to 800 mL for toning.

#### **DRUG INTERACTIONS**

- Calcium prolongs or enhances the effects of Tubocurarine.
- Animals receiving parenteral calcium and potassium supplements are at higher risk of cardiac arrhythmias: administer with care.
- Excessive intake of vitamin A can stimulate skeletal calcium depletion and cause hypercalcemia.
- In concurrent use of high doses of vitamin D or its analogues it can increase the absorption of Calcium and promote hypercalcemia.

# **CONTRAINDICATIONS**

- Do not administer in dehydrated animals without prior hydration therapy.
- Do not administer in hyperexcited animals, due to the risk of cardiac arrest.

#### SPECIAL PRECAUTIONS FOR USE

### Special warnings and precautions for use:

- Administration must be supervised by a Veterinarian.
- When the route of administration chosen is intravenous, rapid administration should be avoided, as it can cause ventricular fibrillation, the risk of injectable Calcium.
- Due to its high Calcium content, Calfoma-12® can crystallize at low temperatures. In this case, heat the container until the crystals formed dissolve.
- Keep out of the reach of children.

### SPECIAL PRECAUTIONS FOR THE OPERATOR

- In the case of ocular exposure, irrigate the eyes with abundant water. If irritation exists and persists, consult a doctor.
- In the case of dermal exposure, contaminated clothing should be removed and the exposed area washed with water. If irritation exists and it persists, consult a doctor.
- In the case of accidental injection, seek medical attention.

### **ADVERSE EFFECTS**

Inflammation may be seen at the site of the subcutaneous or intramuscular injection, which gradually subsides.

#### **GUARD PERIOD**

# 0 days.

#### **OBSERVATIONS**

# Special precautions for disposal of unused product or waste material:

Empty containers can be disposed of as household waste, without any special precautions. Do not dispose of containers with product remains on the ground or water courses. For expired or unused products, contact the manufacturing laboratory

# **CONSERVATION**

Store in a cool and dry place, at room temperature between 15° and 30°C.

#### **CONDITION OF SALE**

Sale with Veterinary Medical prescription.

#### **PRESENTATION**

100 mL vial and 500 mL serum bottle

#### PREPARED BY

Laboratorio Drag Pharma Chile Invetec S.A.

# **RECORDS**

• Chile: Reg. SAG N° 587

• El Salvador: Reg. Nº VET.2003-03-2696

# COUNTRIES WHERE IT IS MARKETED

Distribution in El Salvador: Rafael Alfredo Alfaro Castillo. 8th C. Pte. Pje. Moreno N ° 112, Col. Flor Blanca. San Salvador, El Salvador.

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Drag Pharma Lab is not responsible for the consequences of misuse of the products, and the use of this information without consulting a veterinarian