

BLUE #:	700929APB	Product Name:	Catosal 10% Injectable Solution
Item Code:	90208344	Component:	Package Inserts and Leaflets
Product Code:	N/A	Pack Size:	100 ml
Previous Item Code	90196832		

Template:	180(W) x 210(D) mm	Packaging Spec(s):		N/A
Barcodes/Type:	Code 128: 90208344	Add. Info:		N/A
		Minimum Core Data Point Size:		9.25pt
GTIN:	GTIN Not Required	Proof #	P1a	By/Date TCK 14-MAR-2022
NON PRINTING BLACK				

210mm

15mm

A horizontal scale bar with arrows at both ends, labeled "5mm".

5mm

15mm



CatosalTM

10% w/v
Injectable Solution

For animal treatment only



Catocal 10% w/v Injectable Solution is a clear pink colour solution. 1 ml of **Catocal 10% w/v Injectable Solution** contains 100 mg of butaphosphane and 0.05 mg of cyanocobalamine as active ingredients, and 1 mg of methyl hydroxybenzoate as preservative.

Butaphosphorane is an α -amino phosphonic acid derivative. The compound is classified as a mineral supplement which is used as exogenous source of phosphorous to mediate tonic and roborant effects. Phosphorus plays an essential part in the blood and urine buffer system (pH control), as well as the energy metabolism of the body. Cyanocobalamine is the coenzyme in the biosynthesis of glucose from propionate. Cyanocobalamine belongs to the family of water soluble B-vitamins which are synthesized by the microbial flora in the digestive tract of domestic animals (forestomachs and large intestine). Because of the microbes' own requirement for cyanocobalamine the amount synthesized is generally insufficient to cover the animal's needs. Marked deficiency symptoms occur rarely, even if the supply is inadequate.

Following a single intravenous injection to cattle the organophosphorous compound butaphosphane disperses within a few minutes into the extravascular space and is rapidly excreted from the body in unchanged form. The elimination half-life is 83 minutes. Within twelve hours after intravenous administration 70 to 90% of the dose has been excreted via the urine and 1% with the faeces. Only traces of butaphosphane are found in milk; the highest concentrations, measured 12 to 24 hours after intravenous administration of 560 mg butaphosphane/100 kg bodyweight, averaged 270 ng/ml. Metabolic breakdown was not observed. After intravenous administration of Catosal the mean half-life of cyanocobalamine (1/2) was 15.2 hours and the mean residence time (MRT) was 7.4 hours. Following intramuscular administration, the mean tmax of cyanocobalamine was 0.83 hours indicating fast absorption into the blood stream; the mean half-life (1/2) was 22.1 hours. The absolute bioavailability was calculated to be 79%.

For the supplementation of animals with phosphorus where it is apparent that such treatment would be beneficial to the animal's condition and where the simultaneous administration of Vitamin B12 is required.

Give by intramuscular or subcutaneous injection according to the following table. Volumes of more than 20 ml should be split and given at several intramuscular sites or given subcutaneously.

Cattle, Horse	5	-	25 ml
Foal, Calf	5	-	12 ml
Sheep, Goat	2.5	-	5 ml
Lamb	1.5	-	2.5 ml
Pig	2.5	-	10 ml
Suckling pig	1	-	2.5 ml
Dog	0.5	-	5 ml
Cat	0.5	-	5 ml

Repeat daily if required. In chronic disease half the above dosage at intervals of 1-2 weeks or less. In healthy animals, half the above dose.

Method of Administration
Intramuscular or subcutaneous.

Not known.

- Keep needles sharp and clean; replace frequently.
- Use needles of appropriate gauge and length. For subcutaneous administration, use shortest needle possible, certainly not exceeding 15 mm.
- Intramuscular injections should be made into muscle tissue on the side of the neck. Subcutaneous injections should be made under the skin high on the neck behind the ear.

Interaction
Not known.

Pregnancy and Lactation
There are no indications to suggest any risk from use during pregnancy and lactation.

Not known.

Overdose &
Not known.

Incompatibilities:
Not known.

Meat: Zero (0) days

Meat: Zero (0) days
Milk: Zero (0) days

Milk. Zero (0) days

DO NOT STORE ABOVE 30 C.

Dosage Forms and pack

Marketing Authorisation Holder:

Elanco Malaysia Sdn Bhd

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Manufactured by:

Manufactured by:
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