

Ketamalt® 50

**Multimineral and Malt Oral Solution
Veterinary Use Only**

DIN 02419467

CAUTION

Federal law restricts this drug to use by or on the order of a licensed veterinarian.

INDICATIONS

As an aid in the prevention and treatment of acetonemia in cattle and sheep.

PACKAGING

LIST NO.	UNIT PACKAGE	CASE SIZE
1KET006P	4 L	4

Why rely on one glucose precursor when you can have five of them working for you? Increase the odds of successfully treating your next ketosis case - next time, choose KETAMALT®.



DESCRIPTION

Ketamalt® contains four of the five sources of oral glucose precursors used to reverse ketosis in ruminants – sugars, starches, amino acids and propylene glycol. In addition, Ketamalt® contains DIASTASE, a natural starch converting enzyme that converts starches present in the rumen to simple sugars.

Propylene glycol is only one source of oral glucose precursor used to reverse ketosis in ruminants. Although very effective, it is not recommended as the sole source of glucose for ketotic cows as some liver function is required to properly metabolize it. This is outlined in the following quote from the 8th edition of Veterinary Medicine (Blood and Radostits, p. 1350) which states:

“Glycerol and propylene glycol are not as efficient as glucose [for reversing ketosis] because their conversion to glucose requires oxaloacetate enzyme conversion in the liver”.

See reverse side for Administration and Dosage.



Bimeda - MTC Animal Health, Inc.

420 Beaverdale Road, Cambridge, Ontario N3C 2W4

Tel. (519) 654-8000 • Fax. (519) 654-8001

sales@bimedamtc.com

www.BimedaMTC.com

Ketamalt® 50

*Multimineral and Malt Oral Solution
Veterinary Use Only*

DIN 02419467

NOT FOR USE IN HUMANS

KEEP THIS AND ALL DRUGS OUT OF REACH OF CHILDREN

ACTIVE INGREDIENTS: Each 30 mL contains:

Calcium Hypophosphite	270 mg
Manganese Hypophosphite.....	68 mg
Ferric Hypophosphite.....	68 mg
Sodium Hypophosphite	550 mg
Cobalt Sulphate Heptahydrate	32 mg
Malt	15.75 g

INDICATIONS:

As an aid in the prevention and treatment of acetonemia in cattle and sheep.

DOSAGE: For oral use.

Provide 60-120 mL (2 to 4 oz) morning and evening for cattle, 40-80 mL (1.5 to 3 oz) morning and evening for sheep. Continue treatment as recommended by your veterinarian. Consult a veterinarian if condition does not improve.

WARNINGS:

No meat withdrawal period or milk withholding time is required when used according to the label. Keep out of reach of children.

STORAGE:

Store at 15°C - 30°C. KEEP FROM FREEZING.

HOW DOES KETAMALT® WORK?

ORAL GLUCOSE PRECURSORS	KETAMALT®
Simple Sugars	366 mg/mL from dextrose and dextrin sugars in the Malt Extract. Note that 50% Glucose contains 500mg/mL.
Amino Acids	Present in malt extract, are important precursors of propionate.
Starches	Present in the barley malt extract. Can be broken down to simple sugars like Maltose and Dextrin.
Propylene Glycol	50 mg/mL of product - it is used as a diluent for the Malt Extract.
Propionate	Malt extract contains amino acid precursors for propionate.
Other	Cobalt 1 mg/mL and Diastase - a natural enzyme present in malt extract which converts starches into simple sugars. It is active within 30 minutes in a rumen environment. Will convert starches present in the barley malt extract plus those starches present in rumen contents.