

Metabolic Conditions						
Generic/Brand Name	Active Ingredient	Use	Dosage and Administration	Contraindications	Withdrawal Times (WDT)	Side Effects
PEC-glycol	Propylene glycol Choline chloride Potassium iodine Cobalt sulphate Ethylenediamine dihydroiodide	-used in the treatment of ketosis	Cattle, oral: -300 g/kg every 24 hours for 3 to 5 days	-Not FDA approved	0 days	
Cal plus	Calcium Sodium Magnesium chloride Phosphorus Dextrose	-used in treatment of calcium deficiency	Cattle, horse, IV, IM: -250-500 ml/kg Sheep, swine, IV,IM: 50-125 ml/kg	-Ensure warm to body temperature before administration	0 days	
Calmasol-440	Calcium gluconate:380 mg Magnesium chloride hexahydrate: 60 mg Boric acid: 50 mg Excipients ad: 1 ml	-used to treat acute hypocalcaemia in cattle, calves, sheep, pigs -used for adjunctive therapy in allergy, urticaria, haemorrhagic diathesis and uterine inertia treatment	Cattle, IV: -20 to 30 ml per 50kg Sheep, calves, swine, IV: -3 to 4 ml per 10 kg	-calcinosis in sheep and cattle -chronic kidney insufficiency	0 days	-transient hypercalcaemia can develop, which can manifest into agitation, salivation, increased respiration rate, muscular tremors
Aminolean	Dextrose Calcium chloride dihydrate Potassium chloride Magnesium sulphate trihydrate Potassium chloride magnesium sulphate trihydrate Sodium acetate trihydrate Thiamine HCL Nicotinamide Pyridoxine HCL Riboflavin 5-phosphate sodium	-aids in supportive treatment of diarrhoea in cattle, horses, swine	Cattle, Horses, Swine, IV/IP: -2ml/kg	-nausea may occur if given rapidly	0 days	-may cause distress

