

portasol

ferocemin

LIQUID VITAMIN AND MINERAL PREMIX CONTAINING INTENSE AMINO ACID

INTENDED USE: For poultry; it is used to meet the amino acid and mineral needs in nutrition and physiological development periods. By preventing yield losses (egg, meat) that caused by temperature stress, it increases the feed efficiency. It increases the egg yield and shell quality. It provides to regain the mineral substance loss due to stress after moulting or moving for poultry.

In small and large ruminants; it prevents Pica problems that caused by mineral deficiency. It meets the amino acid requirement for fattening animals and increases the fattening performance.

In camels; it provides mineral and amino acid need depending on temperature.

In milk cows; it is used to increase the milk yield, prevent temperature stress and meet the mineral needs. In calves; it is used in completing the mineral loss depending on diarrhea and dehydration and in meeting the essential amino acids needed for growth. In small ruminants (sheep, goat, kid, lamb); it increases resistance against Pica depending on mineral deficiency. It meets essential amino acid need which are effective in growth of lambs and kids. It helps to increase meat and milk performance.

USAGE:

Poultry	into 1 ton of water	into 20L of water
layer chickens	2-4L	40-80ml
broiler	1-2L	20-40ml
broiler and layer chicks	1-2L	20-40ml
turkey and goose	1,5-2,5L	30-50ml

Large ruminants	into 1 ton of water	into 20L of water
fattening cattle	1-2L	20-40ml
dairy cattle	2-3L	40-60ml
calves & heifers	1-1,5L	20-30ml
camels	1,5-2,5L	30-50ml

Small ruminants	into 1 ton of water	into 20L of water
Sheep & goats	1-2L	20-40ml
Lambs & kids	1-1,5L	20-30ml

ANALYTIC COMPONENTS: Crude protein 16%, Crude fat 0.2%, Crude cellulose 0%, Crude ash 0.01%, Calcium 8%, Phosphorous 4%, Magnesium 1.05%, Sodium 2%, Potassium 0.8%.

INGREDIENTS: Calcium chloride, Phosphoric acid, Magnesium chloride, Sodium chloride, Potassium chloride.

PACKAGE FORM			
500g PLASTIC BOTTLE	1000g PLASTIC BOTTLE	5 Kg PLASTIC BINS	20 Kg PLASTIC BINS

Active ingredients	The name of Additive	Quantity in Premix	Units
Vitamins / Nutritional Additives			
Vitamin D3	Cholecalciferol	500,000	IU/L
Vitamin B9	Folic acid	400	mg/L
Vitamin B12	Cyanocobalamin	3	mg/L
Vitamin C	Ascorbik acid	10,000	mg/L
Amino Acids / Nutritional Additives			
Alanine	L-Alanine	4,640	µl/L
Asparagine	L-Asparagine	176	µl/L
Arginine	L-Arginine	6,688	µl/L
Aspartic Acid	L-Aspartic Acid	2,304	µl/L
Cysteine	L-Cysteine	3,920	µl/L
Glutamic Acid	L-Glutamic Acid	10,720	µl/L
Glutamine	L-Glutamine	1,696	µl/L
Glycine	L-Glycine	4,320	µl/L
Isoleucine	L-Isoleucine	4,672	µl/L
Leucine	L-Leucine	8,800	µl/L
Lysine	L-Lysine	6,576	µl/L
Methionine	L-Methionine	7,632	µl/L
Phenylalanine	L-Phenylalanine	6,240	mg/L
Proline	L-Proline	5,840	µl/L
Serine	L-Serine	4,032	µl/L
Selenomethionine	L-Selenomethionine	320	µl/L
Selenocysteine	L-Selenocysteine	160	µl/L
Threonine	L-Threonine	5,008	µl/L
Tryptophan	L-Tryptophan	720	µl/L
Tyrosine	L-Tyrosine	448	µl/L
Valine	L-Valine	4,768	µl/L
Trace Minerals / Nutritional Additives			
Iron (Fe)	Iron Sulphate	6,000	mg/L
Iodine(I)	Calcium Iodate	300	mg/L
Cobalt(Co)	Cobalt Sulphate	500	mg/L
Copper (Cu)	Copper Sulphate	1,000	mg/L
Manganese (Mn)	Manganese Sulphate	12,000	mg/L
Zinc (Zn)	Zinc Sulphate	6,000	mg/L
Selenium(Se)	Sodium Selenite	24	mg/L
Carriers			
Deionized water	Deionized water	qsp	

