

KeyShure[®] Plus is a *Metal Amino Acid Chelate* accordingly to the Association of American Feed Control Officials (AAFCO) No. 57.142 definition. The unique attribute of a Metal Amino Acid Chelate is that the molecular weight is less than 800 daltons with a mole ratio of 1 mole of mineral to 1-3 moles of amino acid to form coordinate covalent bonds.

KeyShure[®] Plus combines superior performance with exceptional value. You get the quality you expect from a world-class manufacturer and the no-frills pricing you need to maximize profitability.



Feeding Recommendations:

		g/hd/d	g/US Ton Complete Feed	mg/lb DMI
Dairy Cattle	Calves			
	Milk Replacer		295	147
	Starter		250	125
	Growing Heifers			
	200 - 500 lb BW	1.2	200	100
	501 - 800 lb BW	1.4	168	84
	801 - 1,100 lb BW	1.7	158	79
Cows	Non-Lactating	2.0	141	68 - 73
	Lactating	5.9 - 9.7	280	129 - 150
Beef Cattle	Grow/Finishing			
	400 - 600 lb BW	0.8	136	68
	601 - 800 lb BW	1.1	136	68
	801 - 1,000 lb BW	1.5	136	68
	Cows			
	Gestating	1.5	136	68
	Lactating	1.7	136	68
Goats	All	323 mg/100 lb BW	182	91
Sheep	All	218 mg/100 lb BW	136	68
Horses	All	91 mg/100 lb BW	182	91
Swine	Creep		455	
	Nursery		364	
	Grower		273	
	Finisher		227	
	Sow/Boar		455	
Poultry	Chicks		182	
	Broilers		182	
	Breeders		364	
	Laying Hens		182	
	Turkeys		318	
Aqua	Salmonids and Marine Fish		303	
	Tilapia and Freshwater Fish		227	
	Shrimp		227	
Companion	Canine			
	Adult Maintenance		364	
	Growth & Reproduction		455	
	Feline			
	Adult Maintenance		341	
Growth & Reproduction		341		
Specialty	Rabbits		375	

Guaranteed Minimum Analysis:

Zinc	20%
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Typical Analysis:

Crude Protein	27%
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Physical Characteristics:

Color	Light yellow tan to dark yellow speckled
Texture	Standard: Fine granular
	Granular: Granular
Particle Size	Granular: 80% between US 20-50 mesh
Particle Characteristics	Granular: Free flowing
Package Type	Multi-wall, poly-lined bag, Woven polypropylene fabric tote
Package Weight	25 kg (55.1 lb), 1,000 kg (2,200 lb)
Shelf Life	3 years after the date of manufacture

Safe Handling & Storage:

KeyShure Plus Zinc is safe for use when directions on the label and Safety Data Sheet are followed. Store the product in a clean and dry environment, in the original package. Rotate inventory to maximize product freshness.

Feeding recommendations are designed to meet 100% of animals trace mineral requirements.

HORSES: All recommendations based on mature horse of 500 kg body weight consuming 4 kg of complete feed.

Product not available in all countries.

KeyShure® Plus

Amino Acid Chelated Minerals



Higher Mineral Concentration

- KeyShure Plus has among the highest mineral content in the chelated mineral industry.
- Formulation flexibility: higher concentration requires less space in premixes and manufactured feeds.
- Reduced carbon footprint; lower transportation costs/emissions, reduced manufacturing inputs.
- Granulated formulation available for reduced dust and ease of handling.

Chelated to Microbial Protein

- **27% protein** from microbial biomass has a superior amino acid profile as compared with the plant proteins used in competing products.
- **Non-Grain, Non-GMO.**

KeyShure Performance and Value

- Quality you expect from a world-class manufacturer.
- Proven Performance.
- Exceptional Value.

Why is Zinc Important?

Zinc is an essential nutrient for animals, functioning largely or entirely in enzyme systems and being involved in protein synthesis, carbohydrate metabolism, and many other biochemical reactions. A severe zinc deficiency causes numerous pathological changes, including skin parakeratosis, reduced or cessation of growth, general debility, lethargy, and increased susceptibility to infection.



Balchem Animal Nutrition & Health is the global leader in choline production, chelation and encapsulation technology. With a growing portfolio of nutrition products and a dedication to innovation and industry sustainability, Balchem is leading the charge to meet the nutritional needs of ruminants, monogastrics and companion animals. The company consists of three business segments: Human Nutrition & Health; Animal Nutrition & Health; and Specialty Products. Balchem employs over 1,400 people worldwide who are engaged in diverse activities, committed to developing the company into global market leadership positions.

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