



**KeyShure<sup>®</sup> Plus** is a *Metal Amino Acid Chelate* (AAFCO) No. 57.142. 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 metal to 2 moles of amino acid to form coordinate covalent bonds.

**KeyShure<sup>®</sup> 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		23	11
	Starter		55	27
	Growing Heifers			
	200 - 500 lb BW	0.4	73	36
	501 - 800 lb BW	0.6	70	35
	801 - 1,100 lb BW	0.8	71	36
Cows	Non-Lactating	1.2	84	42
	Lactating	0.75 - 1.5	41	20
Beef Cattle	Grow/Finishing			
	400 - 600 lb BW	0.3	45	23
	601 - 800 lb BW	0.4	45	23
	801 - 1,000 lb BW	0.5	45	23
	Cows			
	Gestating	0.5	45	23
	Lactating	0.6	45	23
Goats	All	73 mg/100 lb BW	45	23
Horses	All	23 mg/100 lb BW	45	23
Swine	Creep		27	
	Nursery		23	
	Grower		18	
	Finisher		18	
	Sow/Boar		45	
	Poultry	Chicks		23
Broilers			36	
Breeders			36	
Turkeys			36	
Aqua	Salmonids and Marine Fish		45	
	Tilapia and Freshwater Fish		45	
	Shrimp		182	
Companion	Canine			
	Adult Maintenance		33	
	Growth & Reproduction		56	
	Feline			
	Adult Maintenance		23	
Growth & Reproduction		68		
Specialty	Deer	0.3		
	Elk	0.6		
	Llamas	0.1		

## Guaranteed Minimum Analysis:

Copper	20%
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## Typical Analysis:

Crude Protein	28%
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## Physical Characteristics:

Color	Light green to dark green 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 Copper 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.

**WARNING: Contains high levels of copper. DO NOT FEED TO SHEEP OR RELATED SPECIES.**

# KeyShure® Plus

Amino Acid Chelated Minerals



## Chelated to Microbial Protein

- **28% protein** from microbial biomass has a superior amino acid profile as compared with the plant proteins used in competing products.
- **Non-Grain, Non-GMO.**

## 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.

## KeyShure Performance and Value

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

## Why is Copper Important?

Copper is needed by a variety of vital systems in animals. Many enzymes necessary for reproduction, immunity and growth require copper. In addition, copper is necessary for proper metabolism of iron, maintenance of connective tissue, pigmentation of skin and hair, maturation of hoof tissue, and a host of other functions.



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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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