

KeyShure® *Chelated Minerals* 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		30	15
	Starter		73	36
	Growing Heifers			
	200 - 500 lb BW	0.6	97	48
	501 - 800 lb BW	0.8	93	46
	801 - 1,100 lb BW	1.0	95	47
Cows	Non-Lactating	1.6	112	56
	Lactating	1.0-2.0	55	27
Beef Cattle	Grow/Finishing			
	400 - 600 lb BW	0.4	61	30
	601 - 800 lb BW	0.5	61	30
	801 - 1,000 lb BW	0.7	61	30
	Cows			
	Gestating	0.7	61	30
	Lactating	0.8	61	30
Goats	All	97 mg/100 lb BW	61	30
Horses	All	30 mg/100 lb BW	61	30
Swine	Creep		36	
	Nursery		30	
	Grower		24	
	Finisher		24	
	Sow/Boar		61	
Poultry	Chicks		30	
	Broilers		48	
	Breeders		48	
	Turkeys		48	
Aqua	Salmonids and Marine Fish		60	
	Tilapia and Freshwater Fish		60	
	Shrimp		242	
Companion	Canine			
	Adult Maintenance		44	
	Growth & Reproduction		75	
	Feline			
	Adult Maintenance		30	
Growth & Reproduction		91		
Specialty	Deer	0.4		
	Elk	0.8		
	Llamas	0.2		

### Guaranteed Minimum Analysis:

Copper	15%
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### Typical Analysis:

Crude Protein	23%
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### Physical Characteristics:

Color	Light green to dark green speckled powder
Texture	Fine granular
Particle Characteristics	Free flowing, slightly hygroscopic
Package Type	Multiwall, 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:

When correctly used, there is no toxicity hazard in the use of KeyShure Copper. Refer to the SDS for more detail. Store in a clean and dry environment. Follow label directions and rotate inventory to ensure fresh product.

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®

Chelated Minerals



## Research:

**Independent research studies confirm that KeyShure Chelated Minerals:**

- Are more bioavailable than inorganic trace minerals.
- Are more bioavailable than any other organic trace minerals.
- Provide superior performance for monogastric, ruminant and companion animals.

## Benefits:

**High bioavailability** – Chelation maximizes bioavailability, establishing a protective chemical bond between mineral and an appropriate organic compound. It is here, at the molecular level, that Balchem's technology makes the difference.

**Excellent quality** – Balchem uses scientific and manufacturing expertise to maximize the bioavailability of chelated mineral in our products. We keep it simple by focusing on the endpoint- binding minerals to high-quality, plant-protein-derived amino acids.

**Exceptional value** – As a major ingredient supplier, Balchem leverages its purchasing power and efficient manufacturing processes to provide no-frills, value-based pricing for an extremely high-quality product. The result is the lowest cost per unit of organically bound (chelated) mineral in the industry.

## 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.



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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