

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		364	181
	Starter		242	121
	Growing Heifers			
	200 - 500 lb BW	1.6	282	141
	501 - 800 lb BW	2.1	247	123
	801 - 1,100 lb BW	2.6	244	122
	Cows			
Non-Lactating	3.5	245	115 - 130	
Lactating	3.9-5.5	173	79 - 94	
Beef Cattle	Grow/Finishing			
	400 - 600 lb BW	0.7	121	60
	601 - 800 lb BW	1.0	121	60
	801 - 1,000 lb BW	1.3	121	60
	Cows			
	Gestating	2.6	242	121
	Lactating	3.0	242	121
Goats	All	386 mg/ 100 lb BW	242	121
Sheep	All	386 mg/ 100 lb BW	242	121
Horses	All	121 mg/ 100 lb BW	242	121
Swine	Creep		24	
	Nursery		18	
	Grower		12	
	Finisher		12	
	Sow/Boar		152	
Poultry	Chicks		364	
	Broilers		364	
	Breeders		606	
	Laying Hens		152	
	Turkeys		364	
Aqua	Salmonids and Marine Fish		227	
	Tilapia and Freshwater Fish		227	
	Shrimp		303	
Companion	Canine			
	Adult Maintenance		30	
	Growth & Reproduction		44	
	Feline			
	Adult Maintenance		46	
Growth & Reproduction		46		
Specialty	Deer	0.8		
	Elk	1.7		
	Llamas	0.5		



Guaranteed Minimum Analysis:

Manganese	15%
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Typical Analysis:

Crude Protein	23%
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Physical Characteristics:

Color	Light tan to dark tan 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 Manganese. 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.

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 Manganese Important?

Manganese is concentrated in the animal bones. It is an important cofactor for many enzymes involved in energy and protein metabolism. Manganese is also required for mucopolysaccharide synthesis. This is a major component in the organic matrix of bones.



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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