



PRODUCT INFORMATION SHEET

ProPath® Mn

A nutritional feed ingredient for animal feed. When used as a commercial feed ingredient, it must be declared as manganese chelate of lysine and glutamic acid. Commission Regulation (EU) No. 2021/1425.

**TYPICAL ANALYSIS**

MINERALS	Manganese (3b509)	15.0%
AMINO ACIDS	Glutamic Acid	22.0 - 24.0%
	Lysine	20.0 - 21.5%

PHYSICAL CHARACTERISTICS

Color	Tan
Texture	Granular
Particle Characteristics	Free flowing, slightly hygroscopic
Density	730 - 770 kg/m ³
Solubility	Active product is water soluble
Particle Size	100 µm < 85% < 500 µm
Package Type	Multiwall bag
Package Weight	25 kg

SAFE HANDLING & STORAGE

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

Shelf Life: 3 years after the date of manufacture

FEEDING INSTRUCTIONS

		g/hd/d	g/MT	PPM (mineral)*
DAIRY CATTLE	All			20
BEEF CATTLE	Creep Feed		240	
	Weaned Calves			20
	Cows and Bulls	1.34		
	Feedlot Receiving			20
	Feedlot Finishing			20
SHEEP	All	0.14		
GOATS	All	0.2		
HORSES	All	2.7	670	
SWINE	All			150
POULTRY	All		275	
AQUACULTURE	Salmonids and Marine Fish		200	
	Tilapia and Freshwater Fish		200	
	Shrimp		267	
COMPANION	Canine		175	
	Feline		100	
SPECIALTY	Deer	1.34		
	Elk	1.34		
	Llamas	0.4		

* PPM of mineral provided in the complete diet.

BEEF CATTLE: Creep feed recommendation based on daily intake of 1% body weight. HORSES: All recommendations based on a mature horse of 500 kg body weight consuming 4 kg of complete feed.