



MAAC[®] 6% Manganese Liquid Amino Acid Chelate No. 127

Confidential & Proprietary

The following specifications apply to products sold in the US The following specifications apply to products sold in the US

A nutritional source of Amino Acid Chelated minerals for livestock and poultry, guaranteed to meet the definition of a Metal Amino Acid Chelate as outlined by the Association of American Feed Control Officials (AAFCO No. 57.142, 1997). When used as a commercial feed ingredient, it must be declared on the label as Metal Amino Acid Chelate. U.S. Patent No. 5,162,369.

Guaranteed Analysis	Manganese	Not less than 6.0%
Ingredients	Water, Manganese Amino Acid Chelate *IFN 6-20-986, sodium benzoate and sodium propionate.	
Heavy Metals	Arsenic	Not more than 12 ppm
	Cadmium	Not more than 10 ppm
	Lead	Not more than 100 ppm
	Mercury	Not more than 1 ppm
Physical Character	Color	Tannish - pink liquid
	Odor	Sour
	Density	1.5 - 1.25 g/cc
	Nitrogen	0.8 - 2.8%
	Moisture	Not greater than 6%
	pH	4-7 (1% in distilled water)
Incompatibilities	Do not use with organic solvents: i.e., acetone, benzene, alcohols. Do not mix with alkaline solutions of pH 10 or higher.	
Packaging	2800 lb tote; 30 gallon drum	
Feeding Instructions	Use in accordance with formula directions for livestock feeds as appropriate OR feed to supply 20-40% of supplemental manganese in the ration.	

DO NOT USE UNDILUTED

Click on links below for Product Label and Material Safety Data Sheet (MSDS)

[Label](#) | [MSDS](#)

Product specifications are subject to change without notice. A certificate of analysis is issued for each production lot indicating compliance with the product specification in effect at the time the lot is produced.