

TRADING

2000 s.r.l.

SPECIFICATIONS

L-METIONINA

Appearance	White crystals or crystalline powder
Identification	Infrared absorbtion
Assay	98.5 – 101.5%
Specific Rotation	+22.4° - 24.7°
Loss on drying	Not more than 0.3%
Residue on ignition	Not more than 0.4%
Iron	Not more than 0.003%
Cadmium	0.1ppm max
Lead	0.5ppm max
Mercury	0.1ppm max
Sulfate	Not more than 0.03%
Chloride	Not more than 0.05%
Heavy metals (pb ²)	Not more than 0.0015%
Organic volatile impurities	Meets the requirements
PH	5.6 to 6.1
Chromatographic purity	Not more than 0.05% of any individual impurity is found no more than 2.0% of total impurities is found
Particle size	90% pass 120 mesh
Microbiological information:	
Total Plate Count	<1000 cfu/g
Mould & Yeast	<100 cfu/g
Total Coliforms	<10 cfu/g
Staphylococcus Aureus	Negative
E. Coli	Negative

Conclusion: Meets the requirements of the current USP

Trading 2000 - Società Responsabilità Limitata - Socio Unico

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