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Typical Product Specifications & Properties

L-Methionine

CAS Number: : 63-68-3

Specifications	Limits
Density	1.340
Sensoric	Colorless or white crystalline powder
Odor	Slight characteristic
Solubility	Soulble in water
pH	5.6-6.1
Loss on Drying	NMT 0.3%
Residue on Ignition	NMT 0.1%
Chloride	NMT 0.05%
Sulfate	NMT 0.03%
Heavy Metals	NMT 15 ppm
Iron	NMT 0.003%
Specific Rotation	+22.4 to +22.7



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415 Huguenot Street, New Rochelle, New York 10801



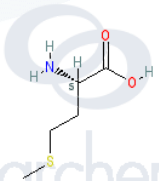
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Specifications	Limits
Assay	98.5% - 101.5%
Total Aerobic Plate Count	NMT 3,000 CFU/g
Yeast & Molds	NMT 100 CFU/g
Coliform	Negative P 25/g
E.Coli	Negative P 25/g
Salmonella	Negative P 25/g
Insolubility	in abs. alcohol, alcohol, benzene, acetone, ether
Melting Point	281 c (dec.)
Molecular weight	149.21
Flash Point	(cc) 284 c
Chemical Structure	 <p>The chemical structure shows a central carbon atom bonded to a methyl group (CH₃), a hydrogen atom (H), a sulfanyl group (S-CH₃), and a carboxylic acid group (COOH). The sulfanyl group is highlighted in yellow in the original image.</p>



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