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Specification

Technical Data Sheet

Product Name	L-Methionine
Product No	11504183
CAS Number	63-68-3
Storage Temperature	Ambient
Molecular Weight	149.21

Specification

Conclusion	
Identification	Meets the requirement
pH	5.6 - 6.1
Loss on Drying	≤ 0.3%
Sulfate (SO₄)	≤ 0.03%
Assay	98% - 101.5%
Iron	≤ 0.003%
Residue on Ignition	≤ 0.4%
Chloride	≤ 0.05%
Appearance	White crystals or crystalline powder
Heavy Metal	≤ 0.0015%
Chromatographic Purity	Not more than 2.0% of total impurities is found
Specific rotation [α]_D 25	+22.4° ~ +24.7°