

Specification

Technical Data Sheet

CAS**63-68-3****STORAGE****Ambient****MOLECULAR WEIGHT****149.21****PRODUCT****L-Methionine (TF)**

Product number	90030881
CAS number	63-68-3
Molecular formula	CH ₃ SCH ₂ CH ₂ CH(NH ₂)CO ₂ H
Molecular weight	149.21 g/mol

PARAMETER**SPECIFICATION**

Appearance	White Crystalline Powder
Assay	min 98%
Grade	Conforms to USP 42
Heavy metals	<0.0015%
Loss on Drying	<0.3%
pH	5.6 - 6.1
Specific rotation	+22.4° ~ +24.7°
Chloride (Cl-)	<0.05%
Iron (Fe)	<0.003%
Residue on Ignition	<0.4%
Sulphates (SO₄)(2-)	<0.03%

**SPECIFICATION
STATEMENT**

The values stated above represent the standard specification for this product, issued under **Molekula Ltd**'s quality management system. Batch-specific results are provided on the Certificate of Analysis.

STORAGE

Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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