

Technical Information

L-Methionine (From non-animal source)

Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 testing specifications

Product Code:TC1080M

Product Information

Product Code	: TC1080M
Product Name	: L-Methionine (From non-animal source), Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 testing specifications
Synonym	: L-2-Amino -4-(methylthio) butanoic acid
Molecular Formula	: C ₅ H ₁₁ NO ₂ S
Molecular Weight	: 149.21
CAS No.	: 63-68-3

Technical Specification

Appearance	: Colourless or white to almost white solid or crystals or crystalline powder.
Solubility	: Soluble in water.
Minimum Assay (NT/HPLC, on dry basis)	: 99.00 - 102.00 %
Specific rotation (α) ²⁵ _D (c = 2% in 6N HCl)	: +22.4° to +24.7°
Melting range	: ~284°C (dec.)
Loss on drying (at 105°C, 3 hrs)	: <= 0.30%
Chloride (Cl)	: <= 0.05%
Heavy metals (as Pb)	: <= 0.0015%
Residue on ignition	: <= 0.40%
Iron (Fe)	: <= 0.003%
Sulphate (SO ₄)	: <= 0.03%
Cell Culture Test	: Passes test.

Risk And Safety Information

WGK	: 1
RTECS	: PD0457000
Storage Temperature(°C)	: Store below 30°C

Transport Information

Marine Pollutant	: No
ADR/RID	: Not Dangerous Goods
IMDG	: Not Dangerous Goods
IATA	: Not Dangerous Goods

**Animal Cell
Culture Tested**



Product Specification

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Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
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