

Technical Information

L-Glutamic Acid Mono Sodium Monohydrate (From Non-Animal Source) Cell Culture Tested

Product Code:TC1064

Product Information

Product Code	: TC1064
Product Name	: L-Glutamic Acid Mono Sodium Monohydrate (From non-animal source) Cell Culture Tested
Synonym	: L-2-Aminopentanedioic acid, MSG, Sodium L-glutamate
Molecular Formula	: $C_5H_8NNaO_4H_2O$
Molecular Weight	: 187.13
CAS No.	: 6106-04-3

Technical Specification

Appearance	: White, needle shape crystals/ crystalline powder.
Solubility	: 5gm soluble in 100ml of water is clear colorless solution.
Minimum assay	: 99.00 %
pH of 10% solution in water	: 6.00 - 8.00
Specific rotation (α) ²⁰ _D	: +24.8° to +25.3°
Chloride (Cl)	: <= 0.1%
Iron (Fe)	: <=0.5%
Arsenic (As)	: <=0.05%
Cell Culture Test	: Passes test

Risk And Safety Information

WGK	: --
RTECS	: --
Storage Temperature(°C)	: Store at 10-30°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.
- **Central Drug House Pvt. Ltd.** reserves the right to make changes to specifications and information related to the products at any time.
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- Do not use the products if it fails to meet specifications for identity and performance parameters.