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Product Specification

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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	: Soluble in water forming a clear solution.
Minimum assay (Non-aqueous)	: 99.00 %
pH of 10% solution in water	: 6.00 - 8.00
Specific rotation (α)$\frac{20}{D}$ (C=2, in 5N HCl)	: + 23° to + 25°
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

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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.
- Products are not intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing of diagnostic reagents extra.
- Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.
- Do not use the products if it fails to meet specifications for identity and performance parameters.

Replace Date 28-May-2026