

Technical Information

**L-Arginine, Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 testing specifications
Cell Culture Tested**

Product Code:TC1052M

Product Information

Product Code	: TC1052M
Product Name	: L-Arginine, Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 testing specifications, Cell Culture Tested
Synonym	: (S)-2-Amino-5-guanidinopentanoic acid
Molecular Formula	: $C_6H_{14}N_4O_2$
Molecular Weight	: 174.20
CAS No.	: 74-79-3

Technical Specification

Appearance	: White to almost white crystals or crystalline powder.
Solubility	: 10% solution in water is clear and colourless.
Assay (Non aqueous)	: 98.00% - 101.50%
pH of 5% solution in water	: 10.50 -12.00
Melting range	: 217- 227 °C
Specific rotation (α) ²⁰ _D	: +26.9° to +27.9°
Loss on drying	: <= 0.5%
Cell Culture Test	: Passes test

Risk And Safety Information

WGK	: --
RTECS	: --
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

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.

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