

## Technical Information

### L-Arginine Monohydrochloride (From non-animal source)

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

**Product Code:TC1053M**

### Product Information

Product Code	: TC1053M
Product Name	: L-Arginine Monohydrochloride (From non-animal source), Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 testing specifications
Molecular Formula	: $C_6H_{14}N_4O_2 \cdot HCl$
Molecular Weight	: 210.66
CAS No.	: 1119-34-2

### Technical Specification

Appearance	: Colourless to white or almost white crystals or crystalline powder.
Solubility	: Soluble in water is clear and colourless solution.
Minimum assay (NT, on dried basis)	: 98.50%
pH (10% in water at 25°C)	: 4.70 - 6.20
Specific rotation° (c= 8% in HCl R1 at 25°C, dried substance)	: +21.00° to +23.50°
Loss on drying (at 105°C, 2hr)	: <= 0.50%
Cell Culture Test	: Passes test

### Risk And Safety Information

WGK	: 2
RTECS	: CF1995500
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.
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- Do not use the products if it fails to meet specifications for identity and performance parameters.