

## Technical Information

### L-Aspartic Acid (From non-animal source)

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

**Product Code:TC1059M**

### Product Information

Product Code	: TC1059M
Product Name	: L-Aspartic Acid (From non-animal source) , Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 testing specifications
Synonym	: (S)-Aminobutanedioic acid
Molecular Formula	: C <sub>4</sub> H <sub>7</sub> NO <sub>4</sub>
Molecular Weight	: 133.10
CAS No.	: 56-84-8

### Technical Specification

Appearance	: White to off-white crystals or crystalline powder.
Solubility	: Soluble in dilute hydrochloric acid.
Minimum Assay (NT/NaOH Titration, on dry basis)	: 98.50-101.50%
Specific rotation (c = 8% in 6N hydrochloric acid)	: +24.0° to +26.0°
Chloride (Cl)	: <= 0.02%
Sulfate (SO <sub>4</sub> )	: <= 0.03%
Heavy metals (as Pb)	: <= 0.001%
Iron (Fe)	: <= 0.001%
Loss on drying (at 105°C, 3 hr)	: <= 0.50%
Residue on ignition	: <= 0.10%
Cell Culture Test	: Passes test

### GHS Safety Information

Hazard Statement(s)	: H319
Precautionary Statement(s)	: P305+P351+P338
Signal Word	: Warning
Hazard Pictogram(s)	: 



GHS07

### Risk And Safety Information

WGK	: 1
RTECS	: C19098500
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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