

## Technical Information

**L-Alanine (From Non-Animal Source) Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 testing specifications  
Cell Culture Tested**

**Product Code:TC1056M**

### Product Information

Product Code	: TC1056M
Product Name	: L-Alanine (From Non-Animal Source), Meets USP 41-NF 36, EP 9.0,JP 17 and BP 2016 testing specifications, Cell Culture Tested
Synonym	: 2-Aminopropionic acid
Molecular Formula	: C <sub>3</sub> H <sub>7</sub> N O <sub>2</sub>
Molecular Weight	: 89.09
CAS No.	: 56-41-7

### Technical Specification

Appearance	: White crystals or crystalline powder.
Solubility	: Soluble in water.
Minimum assay (NT on dry basis)	: 99.00%
pH (5% in water at 25°C)	: 5.70 - 6.70
Melting range	: 295 - 297°C (dec.)
Loss on drying	: <=0.2%
Residue on ignition	: <=0.1%
Sulphate (SO <sub>4</sub> )	: <=0.02%
Iron (Fe)	: <=0.001%
Heavy metals	: <=0.001%
Chloride (Cl)	: <=0.02%
Ammonium (NH <sub>4</sub> )	: <=0.02%
Arsenic (As)	: <=0.0001%
Cell Culture Test	: Passes test

### Risk And Safety Information

WGK	: 1
RTECS	: AY2990000
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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