

## Technical Information

### L-Histidine (From Non-Animal Source)

Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 Testing Specifications

**Product Code:TC1076M**

### Product Information

Product Code	: TC1076M
Product Name	: L-Histidine (From Non-Animal Source), Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 Testing Specifications
Synonym	: (S)-α-amino-1H-imidazole-4-propanoic acid, glyoxaline-5-alanine, His, H
Molecular Formula	: C <sub>6</sub> H <sub>9</sub> N <sub>3</sub> O <sub>2</sub>
Molecular Weight	: 155.15
CAS No.	: 71-00-1

### Technical Specification

Appearance	: Colourless or white to off-white crystals or crystalline powder.
Solubility	: 2% solution in water is clear and colourless.
Minimum assay (NT/HCl Titration)	: 98.50%
pH of 2% solution water	: 7.00 -8.50
Specific rotation	: +12.0° to +14.0° (c = 11% in 6M HCl at 25°C)
Chloride (Cl)	: ≤0.02%
Sulphate (SO <sub>4</sub> )	: ≤0.02%
Ammonium (NH <sub>4</sub> )	: ≤0.1%
Iron (Fe)	: ≤0.001%
Heavy metals	: ≤0.001%
Arsenic (As)	: ≤0.0001%
Other amino acids	: ≤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

**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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