

## Technical Information

### L-Histidine Monohydrochloride Monohydrate (From Non-Animal Source) Meets EP 9.0, JP 17 and BP 2016 testing specifications

**Product Code:TC1077M**

#### Product Information

Product Code	: TC1077M
Product Name	: L-Histidine Monohydrochloride Monohydrate (From Non-Animal Source), Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 testing specifications
Synonym	: (S)-a-amino-1H-imidazole-4-propanoic acid hydrochloride, glyoxaline-5 Alanine hydrochloride, His, H
Molecular Formula	: $C_6H_9N_3O_2 \cdot HCl \cdot H_2O$
Molecular Weight	: 209.63
CAS No.	: 5934-29-2

#### Technical Specification

Appearance	: White to off white crystalline powder.
Solubility	: 1gm soluble in 100ml of water is clear colorless solution.
Minimum assay	: 99.00%
pH of 2% solution water	: 3.50 -4.50
Specific rotation $[\alpha]_D^{20}$	: +8.9° to +9.5°
Chloride (Cl)	: <= 0.02%
Sulphate (SO <sub>4</sub> )	: <= 0.02%
Ammonium (NH <sub>4</sub> )	: <= 0.02%
Iron (Fe)	: <=0.001%
Heavy metals	: <=0.001%
Arsenic (As)	: <=0.0001%
Loss on drying (at 150°C, 1hr)	: 7.00-10.00%
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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