

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)-a-amino-1H-imidazole-4-propanoic acid, glyoxaline-5-alanine, His, H
Molecular Formula	: $C_6H_9N_3O_2$
Molecular Weight	: 155.15
CAS No.	: 71-00-1

Technical Specification

Appearance	: White to off white crystalline powder.
Solubility	: 1gm soluble in 100ml of water is clear and colorless solution.
Minimum assay	: 98.50%
pH of 2% solution water	: 7.00 -8.50
Specific rotation α_D^{20}	: +11.8° to +12.8°
Chloride (Cl)	: $\leq 0.02\%$
Sulphate (SO ₄)	: $\leq 0.02\%$
Ammonium (NH ₄)	: $\leq 0.1\%$
Iron (Fe)	: $\leq 0.001\%$
Heavy metals	: $\leq 0.001\%$
Arsenic (As)	: $\leq 0.0001\%$
Other amino acids	: $\leq 0.5\%$
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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