

## Technical Information

### L-Cysteine Hydrochloride (From Non-Animal Source) Cell Culture Tested

Product Code:TC1058

#### Product Information

Product Code	: TC1058
Product Name	: L-Cysteine Hydrochloride (From Non-Animal Source),Cell Culture Tested
Molecular Formula	: C <sub>3</sub> H <sub>7</sub> NO <sub>2</sub> S.HCl.H <sub>2</sub> O
Molecular Weight	: 175.63
CAS No.	: 7048-04-6

#### Technical Specification

Appearance	: White to almost white crystals or crystalline powder or colorless crystals.
Solubility	: 10% Solution in water is clear and colourless.
Minimum assay (Iodometric; calc to the dried sub.)	: 98.50%
pH of 1% solution in water	: 1.50 - 2.00
Specific Rotation $[\alpha]_{D}^{20}$ (C=8, in 25%w/v of HCl, calc with reference to the dried subs.)	: + 5.5° to + 7.0°
Chloride (Cl)	: 19.89 to 20.29%
Ammonium (NH <sub>4</sub> )	: <= 0.02%
Sulphate (SO <sub>4</sub> )	: <= 0.02%
Iron (Fe)	: <= 0.001%
Heavy metals (Pb)	: <= 0.001%
Arsenic (As)	: <= 0.0001%
Residue on ignition	: <= 0.1%
Loss on drying	: 8.5 to 12.0%
Other amino acids	: Conforms
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

### 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.
- **Central Drug House Pvt. Ltd.** reserves the right to make changes to specifications and information related to the products at any time.
- Products are not intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing of diagnostic reagents extra.
- Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.
- Do not use the products if it fails to meet specifications for identity and performance parameters.

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