

## 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	: $C_3H_7NO_2S.HCl.H_2O$
Molecular Weight	: 175.63
CAS No.	: 7048-04-6

#### Technical Specification

Appearance	: White crystals or crystalline powder.
Solubility	: 10gm soluble in 100ml of water is clear colorless solution.
Minimum assay	: 98.50%
pH of 1% solution in water	: 1.50 -2.00
Specific rotation ( $\alpha$ ) <sup>20</sup> <sub>D</sub>	: +6.1° to +7.8°
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



**Animal Cell  
Culture Tested**



## Product Specification

[cdhfinechemical.com](http://cdhfinechemical.com)

### 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.
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- Do not use the products if it fails to meet specifications for identity and performance parameters.