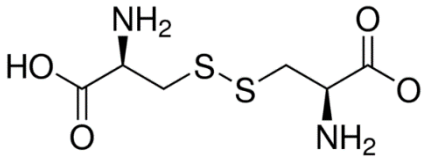




Product Specification

cdhfinechemical.com

| L-CYSTINE FOR BIOCHEMISTRY | |
|---|--|
| PRODUCT CODE | 037057 |
| SYNONYMS | -- |
| C.I. NO. | -- |
| CASR NO. | (56-89-3) |
| ATOMIC OR MOLECULAR FORMULA | [SCH₂CH(NH₂)COOH]₂ |
| ATOMIC OR MOLECULAR WEIGHT | 240.30 |
| PROPERTIES | Soluble in water, insoluble in alcohol. |
|  | |
| PARAMETER | LIMIT |
| Description | Colourless or white crystalline powder or crystals. |
| Solubility | 10% solution in 2M HCl is clear and almost colourless. |
| Minimum Assay(Non-Aqueous) | 99.0% |
| Specific Rotation(α) _D ²⁰ (C= 2, 5N HCl) | - 215° to - 210° |
| MAXIMUM LIMIT OF IMPURITIES | |
| Loss on drying (at 110°C) | 0.5% |
| Sulphated ash | 0.1% |
| Iron (Fe) | 0.002% |
| Lead (Pb) | 0.001% |
| Note(s) :Assay (if applicable) method mentioned. | |
| WARNING Hazard statements: Not hazarous. No hazards. Precautionary statements Prevention: ---- Response: Disposal: | IMDG Code : UN No. : IATA : |
| Hazard Pictogram(s) :- | |

Replace Date 01-Feb-2021