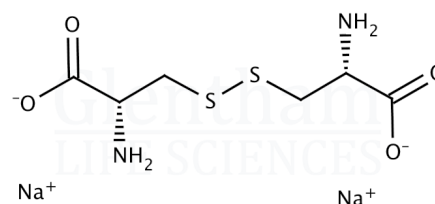


## Product Specification

|                   |                          |
|-------------------|--------------------------|
| Product Name      | L-Cystine disodium salt  |
| Glentham Code     | GE3746                   |
| CAS Number        | 64704-23-0               |
| EINECS            | 265-025-3                |
| MDL Number        | MFCD00037206             |
| PubChem SID       | 310270769                |
| Molecular Weight  | 284.30                   |
| Molecular Formula | $C_6H_{10}N_2Na_2O_4S_2$ |
| Storage Temp.     | +20°C                    |



| Property  | Specification  |
|---|--|
| Physical Description                            | White to off-white or pale yellow-brown crystalline powder |
| Solubility (1% in water)                        | Clear, colourless to very faint yellow solution            |
| pH (1% in water)                                | 10.0 - 11.0  |
| Specific Optical Rotation ( $[\alpha]_{20/D}$ ) | -165.0 - -178.0 ° (c=2, 1M HCl)                            |
| Loss on Drying                                  | ≤ 2.0% (70°C, 1h)  |
| Assay   | ≥ 98.0%  |
| Specification Version                           | - v1.0   |
| Date Created                                    | - 2019-07-04   |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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