

## Product Datasheet

### GM3760 - L-Cysteine

Pictograms

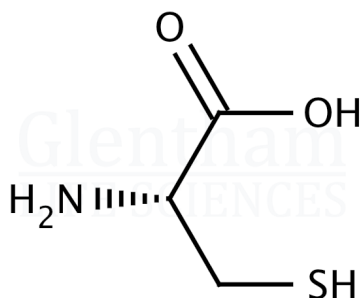


#### Product Details

|                    |   |
|--------------------|---|
| Product Name       | L-Cysteine  |
| Glentham Code      | GM3760  |
| CAS Number         | 52-90-4   |
| EINECS             | 200-158-2   |
| MDL Number         | MFCD00064306  |
| Additional CAS     | 345909-32-2 (-xH2O)                                     |
| PubChem SID        | 310270753   |
| Related Categories | Amino Acids, Biochemicals,<br>Reagents for Cell Culture |

#### Structure

|                   |   |
|-------------------|---|
| Molecular Weight  | : 121.16  |
| Molecular Formula | : C <sub>3</sub> H <sub>7</sub> NO <sub>2</sub> S |



#### Glentham Product Specification

|  |  |
|--|--|
| Physical Description                             | : White to almost white powder or crystals |
| Solubility (2.5% in water)                       | : Clear, colourless solution               |
| pH (2.5% in water)                               | : 4.0 - 6.0                                |
| Specific Optical Rotation ([α] <sub>20/D</sub> ) | : +8.0 - +9.5 ° (c=8, 1M HCl)              |
| Loss on Drying                                   | : ≤ 1.0% (80°C, vac., 1h)                  |
| Assay (Titration)                                | : ≥ 98.0%                                  |
| Version  | : v1.2                                     |

#### About L-Cysteine

No further details on record.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

|  |                       |
|--|-----------------------|
| Not classified as dangerous for transport. |                       |
| CLP Classification                         | Acute Tox. 4          |
| Signal Word                                | Warning               |
| Hazard Codes                               | H302                  |
| Precautionary Codes                        | P280, P261, P301+P312 |

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