

Product Datasheet

GM8797 - L-Cysteine, 99%, non-animal origin

Precautionary Codes

P280, P261, P301+P312

Pictograms

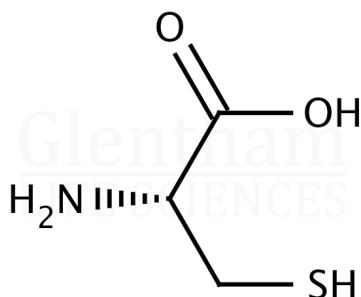


Product Details

| | |
|--------------------|---------------------------------------------------------|
| Product Name | L-Cysteine, 99%, non-animal origin |
| Glenthams Code | GM8797 |
| CAS Number | 52-90-4 |
| EINECS | 200-158-2 |
| MDL Number | MFCD00064306 |
| Additional CAS | 345909-32-2 (\cdot xH ₂ O) |
| Related Categories | Amino Acids, Biochemicals, Reagents for Cell Culture |

Structure

| | |
|-------------------|---------------------------------------------------|
| Molecular Weight | : 121.16 |
| Molecular Formula | : C ₃ H ₇ NO ₂ S |



Glenthams Product Specification

| | |
|-----------------------------------------------------------|--------------------------------------------|
| Physical Description | : White to almost white powder or crystals |
| Solubility (2.5% in water) | : Clear, colourless solution |
| Solubility (10% in 2M HCl) | : Clear, colourless solution |
| pH (2.5% in water) | : 4.5 - 5.5 |
| Specific Optical Rotation ([α] _{20/D}) | : +8.3 - +9.5 ° (c=8, 1M HCl) |
| Chloride (Cl) | : \leq 0.05% |
| Sulphate (SO ₄) | : \leq 0.03% |
| Ammonium (NH ₄) | : \leq 0.02% |
| Iron (Fe) | : \leq 10ppm |
| Heavy Metals (as Pb) | : \leq 10ppm |
| Residue on Ignition | : \leq 0.1% |
| Loss on Drying | : \leq 0.5% (105°C, 3h) |
| Assay (Titration) | : 98.5 - 101.0 % |
| Origin | : Vegetal fermentation |
| Version | : v1.0 |

About L-Cysteine, 99%, non-animal origin

No further details on record.

Storage

Recommended storage temperature: +4°C.

Hazards and Transport

| | |
|--------------------------------------------|--------------|
| Not classified as dangerous for transport. | |
| CLP Classification | Acute Tox. 4 |
| Signal Word | Warning |
| Hazard Codes | H302 |

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