

## Product Datasheet

### GM6582 - L-Glutamine

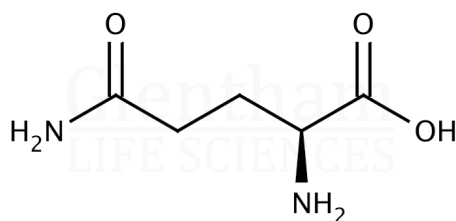
#### Product Details

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| Product Name       | L-Glutamine                                             |
| Glenthams Code     | GM6582                                                  |
| CAS Number         | 56-85-9                                                 |
| EINECS             | 200-292-1                                               |
| MDL-Nummer         | MFCD00008044                                            |
| PubChem SID        | 310274235                                               |
| Related Categories | Amino Acids, Biochemicals,<br>Reagents for Cell Culture |

|                           |                                             |
|---------------------------|---------------------------------------------|
| Physical Description      | : White to almost white crystalline powder  |
| Assay                     | : 98.5 - 101.5 %                            |
| Identification            | : IR                                        |
| Specific Optical Rotation | : 6.3 - 7.3 ° (c=4, H <sub>2</sub> O, 20°C) |
| Loss on Drying            | : ≤ 0.3%                                    |
| Residue on Ignition       | : ≤ 0.1%                                    |
| Lead (Pb)                 | : ≤ 3ppm                                    |
| Arsenic (As)              | : ≤ 1ppm                                    |
| Cadmium (Cd)              | : ≤ 1ppm                                    |
| Mercury (Hg)              | : ≤ 0.1ppm                                  |
| Version                   | : v1.1                                      |

#### Structure

|                   |                                                                |
|-------------------|----------------------------------------------------------------|
| Molecular Weight  | : 146.15                                                       |
| Molecular Formula | : C <sub>5</sub> H <sub>10</sub> N <sub>2</sub> O <sub>3</sub> |



#### About L-Glutamine

No further details on record.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Glenthams Product Specification

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