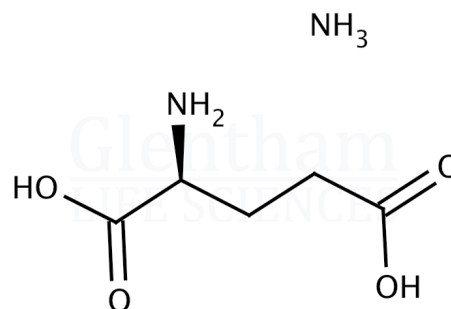


## Product Specification

|                   |                               |
|-------------------|-------------------------------|
| Product Name      | L-Glutamic acid ammonium salt |
| Glentham Code     | GM4234                        |
| CAS Number        | 7558-63-6                     |
| EINECS            | 231-447-1                     |
| MDL-Nummer        | MFCD00039098                  |
| PubChem SID       | 310274215                     |
| Molecular Weight  | 164.16                        |
| Molecular Formula | $C_5H_{12}N_2O_4$             |
| Storage Temp.     | +20°C                         |



| Property                                        | Specification                         |
|-------------------------------------------------|---------------------------------------|
| Physical Description                            | White to off-white crystalline powder |
| Solubility (1% in water)                        | Clear, colourless solution            |
| Specific Optical Rotation ( $[\alpha]_{20/D}$ ) | +24.5 - +27.0 ° (c=1, 2M HCl)         |
| Melting Point                                   | 165 - 175 °C                          |
| Purity (TLC)                                    | ≥ 95%                                 |

|                       |              |
|-----------------------|--------------|
| Specification Version | - v1.1       |
| Date Created          | - 2018-07-17 |

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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