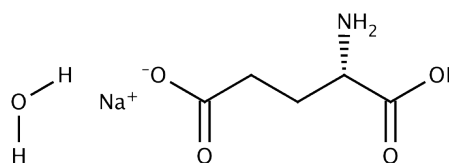


## Product Specification

|                   |  |
|-------------------|--|
| Product Name      | L-Glutamic acid monosodium salt monohydrate                        |
| Glentham Code     | GM5912   |
| CAS Number        | 6106-04-3  |
| EINECS            | 205-538-1  |
| MDL Number        | MFCD00150138   |
| Additional CAS    | 142-47-2 (anhydrous)   |
| PubChem SID       | 310274228  |
| Molecular Weight  | 187.13   |
| Molecular Formula | C <sub>5</sub> H <sub>8</sub> NNaO <sub>4</sub> · H <sub>2</sub> O |
| Storage Temp.     | +20°C  |



| Property                  | Specification            |
|---------------------------|--------------------------|
| Physical Description      | White crystalline powder |
| pH (10% aqueous solution) | 6.7 - 7.2                |
| Loss on Drying            | ≤ 0.5%                   |
| Specific Optical Rotation | 24.8 - 25.3 °            |
| Chloride                  | ≤ 0.04%                  |
| Lead (Pb)                 | ≤ 1ppm                   |
| Arsenic (As)              | ≤ 1ppm                   |
| Assay (HPLC)              | ≥ 99.0%                  |

|                       |   |            |
|-----------------------|---|------------|
| Specification Version | - | v1.0       |
| Date Created          | - | 2014-12-15 |

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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