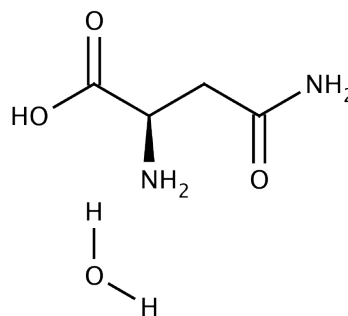


Product Specification

| | |
|-------------------|--|
| Product Name | D-Asparagine monohydrate |
| Glentham Code | GM5903 |
| CAS Number | 5794-24-1 |
| EINECS | 218-163-3 |
| MDL Number | MFCD00149558 |
| Additional CAS | 2058-58-4 (anhydr.) |
| PubChem SID | 310267053 |
| Molecular Weight | 150.14 |
| Molecular Formula | C ₄ H ₈ N ₂ O ₃ · H ₂ O |
| Storage Temp. | +20°C |



| Property | Specification |
|-----------------------------|-------------------------------|
| Physical Description | White to off-white powder |
| Specific Optical Rotation | -33.0 - -37.0 ° (C=5, 5M HCl) |
| Residue on Ignition | ≤ 0.1% |
| Chloride (Cl) | ≤ 0.02% |
| Sulphate (SO ₄) | ≤ 0.02% |
| Iron (Fe) | ≤ 10ppm |
| Heavy Metals | ≤ 10ppm |
| Loss on Drying | 11.5 - 12.5 % |
| Assay | 98.5 - 101.5 % |

| | | |
|-----------------------|---|------------|
| Specification Version | - | v1.0 |
| Date Created | - | 2015-02-25 |

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 or contact us using the details above for the current version of this document.

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