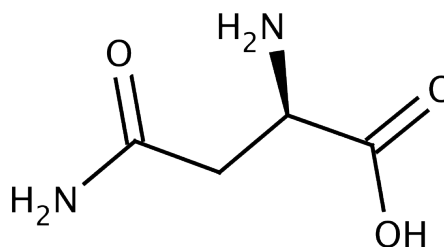


## Product Specification

Product Name : D-Asparagine, anhydrous  
Glentham Code : GM9048  
CAS Number : 2058-58-4  
EINECS : 218-163-3  
MDL Number : MFCD00149558  
Additional CAS : 5794-24-1 (· H<sub>2</sub>O)  
PubChem SID : 310267049

Molecular Weight : 132.12  
Molecular Formula : C<sub>4</sub>H<sub>8</sub>N<sub>2</sub>O<sub>3</sub>  
Storage Temp. : +20°C



Property	Specification
Physical Description	White powder
Specific Optical Rotation	-34.3 - -36.5 °
pH	4.4 - 6.4
Chloride (Cl)	≤ 0.02%
Sulphate (SO <sub>4</sub> )	≤ 0.02%
Ammonium (NH <sub>4</sub> )	≤ 0.1%
Heavy Metals (as Pb)	≤ 10ppm
Iron (Fe)	≤ 10ppm
Residue on Ignition	≤ 0.1%
Loss on Drying	≤ 0.5%
Assay	99.0 - 101.0 %

Specification Version : v1.0  
Date Created : 2015-03-12

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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