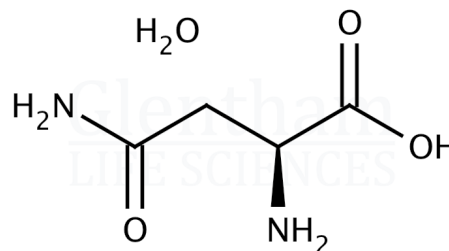


Product Specification

Product Name	L-Asparagine monohydrate
Glentham Code	GM7827
CAS Number	5794-13-8
EINECS	200-735-9
MDL Number	MFCD00151038
PubChem SID	310267052
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 crystalline powder
Residue on Ignition	≤ 0.1%
pH	4.4 - 6.4
Loss on Drying	11.5 - 12.5 %
Cadmium (Cd)	≤ 1ppm
Mercury (Hg)	≤ 0.1ppm
Arsenic (As)	≤ 1ppm
Heavy Metals	≤ 10ppm
Iron (Fe)	≤ 10ppm
Sulphate (SO ₄)	≤ 0.02%
Ammonia (NH ₄)	≤ 0.1%
Chloride (Cl)	≤ 0.02%
Transmittance	≥ 98.0% (430nm)
Specific Optical Rotation	34.2 - 36.5 °
Assay	99.0 - 101.0 %
Specification	AJI

Specification Version	-	v1.0
Date Created	-	2014-02-17

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

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