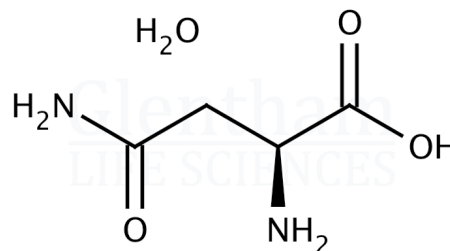


Product Specification

Product Name	L-Asparagine monohydrate
Glenthams Code	GM7827
CAS Number	5794-13-8
EINECS	200-735-9
MDL-Nummer	MFCD00151038
PubChem SID	310267052

Molecular Weight	150.14
Molecular Formula	$C_4H_8N_2O_3 \cdot H_2O$
Storage Temp.	+20°C



Property	Specification
Physical Description	White crystalline powder
Assay	99.0 - 101.0 %
Specific Optical Rotation	+34.2 - +36.5 °
Transmittance	≥ 98.0% (430nm)
Chloride (Cl)	≤ 0.02%
Ammonia (NH4)	≤ 0.1%
Sulphate (SO4)	≤ 0.02%
Iron (Fe)	≤ 10ppm
Heavy Metals	≤ 10ppm
Arsenic (As)	≤ 1ppm
Mercury (Hg)	≤ 0.1ppm
Cadmium (Cd)	≤ 1ppm
Loss on Drying	11.5 - 12.5 %
pH	4.4 - 6.4
Residue on Ignition	≤ 0.1%
Specification	AJI

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

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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