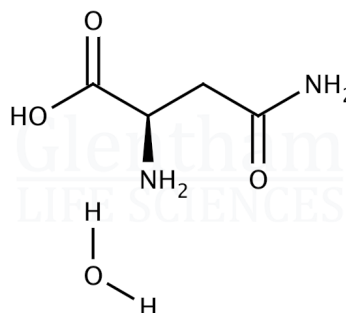


Certificate of Analysis

Product Name	D-Asparagine monohydrate
Glenthams Code	GM5903
CAS Number	5794-24-1
EINECS	218-163-3
Numéro MDL	MFCD00149558
CAS supplémentaire	2058-58-4 (anhydr.)
PubChem SID	310267053
Batch Number	584UMQ

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



Property	Specification	Batch 584UMQ
Physical Description	White to off-white powder	White powder
Specific Optical Rotation	-33.0 - -37.0 ° (C=5, 5M HCl)	-34.8°
Residue on Ignition	≤ 0.1%	< 0.1%
Chloride (Cl)	≤ 0.02%	Conforms
Sulphate (SO4)	≤ 0.02%	Conforms
Iron (Fe)	≤ 10ppm	Conforms
Heavy Metals	≤ 10ppm	Conforms
Loss on Drying	11.5 - 12.5 %	12.0%
Assay	98.5 - 101.5 %	99.5%

Specification Version	v1.0
Manufacture Date	2024-09-22
Re-Test Date	2034-10-25

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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