

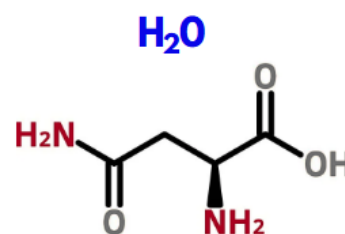


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Product Specification

L-ASPARAGINE MONOHYDRATE 98.5% FOR BIOCHEMISTRY

CAT. NO. : 030312
GRADE : LR
CAS NO. : 5794-13-8
FORMULA : $C_4H_8N_2O_3 \cdot H_2O$
M.W. : 150.13



Minimum assay (NT)
Identification (IR Spectrum)
Specific rotation $[\alpha]^{20}_D$
(C=5 in 5 N HCl)

98.5%
Passes test
+32° to +34°
Lab Reagents

Maximum limits of impurities:

Loss on drying at 130°C	10.0-12.5%
Sulphated ash	0.1%
Ammonium (NH ₄)	0.1%
Chloride (Cl)	0.02%
Sulphate (SO ₄)	0.02%
Iron (Fe)	0.001%
Heavy metals (Pb)	0.001%

DATE: 01.07.2025

Remarks: The above-mentioned batch material is compliance with the standard specifications of High Purity Laboratory Chemicals Pvt. Ltd.



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