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CERTIFICATE OF ANALYSIS

Name of the Sample : L-Asparagine Monohydrate
Batch No. : 228859
Date of Mfg. : Sep 2025
Date of Exp. : Aug 2030
Register No. : 2025-26
Qty of Sample : 100gm
Date of Analysis : Sep 2025

S.No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White crystalline powder
2.	Assay	99.31%	Min.99%
3.	Loss on drying at 110°C	11.04%	10.0 - 12.5%
4.	Specific rotation (10% in 3 mol l-1 HCl) (calculated to the dried material)	+34.19°	+33° to +36°
5.	Sulphated ash	< 0.1%	Max. 0.1%
6.	Iron (Fe)	< 0.001%	Max. 0.001%
7.	Lead (Pb)	< 0.001%	Max. 0.001%

Chief Chemist