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CERTIFICATE OF ANALYSIS

Name of the Sample : L-Alanine for Biochemistry
Batch No. : 228411
Date of Mfg. : March 2025
Date of Exp. : Feb 2030
Register No. : 2025-26
Qty of Sample : 100gm
Date of Analysis : March 2025

S.No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White crystalline powder
2.	Assay	99.51%	Min.99%
3.	Specific rotation (5% in N HCl)	+15.24°	+14° to +16°
4.	Loss on drying at 110°C	0.094%	Max.0.1%
5.	Sulphated ash	< 0.1%	Max.0.1%
6.	Iron	< 0.001%	Max.0.001%
7.	Lead	< 0.001%	Max.0.001%

Chief Chemist