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CERTIFICATE OF ANALYSIS

Name of the Sample : **Glutamic Acid**
Batch No. : **227377**
Date of Mfg. : **Feb 2024**
Date of Exp : **Jan 2029**
Register No. : **2024-25**
Qty of Sample : **100gm**
Date of Analysis : **Feb 2024**

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	A White powder
2.	Assay	99.21%	Min 99.0%
3.	Specific rotation	+31.60°	+30.5° to +32.5°
4.	Chloride	0.0045%	Max 0.02%
5.	Sulphate	0.018%	Max 0.03%
6.	Heavy metals (as Pb)	0.0002%	Max 0.001%
7.	Iron	0.0001%	Max 0.001%
8.	Ammonium	0.001%	Max. 0.02%
9.	Ninhydrin positive substance	< 0.5%	Max. 0.5%
10.	Sulphated ash (600°C)	0.086%	Max. 0.1%
11.	Loss on drying (105°C)	0.19%	Max. 0.5%

Chief Chemist