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### CERTIFICATE OF ANALYSIS

**Name of the Sample** : **Glutamic Acid**  
**Batch No.** : **226693**  
**Date of Mfg** : **June 2023**  
**Date of Exp** : **May 2028**  
**Register No.** : **2023-24**  
**Qty of Sample** : **100gm**  
**Date of Analysis** : **June 2023**

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	A White powder
2.	Assay	99.19%	Min 99.0%
3.	Specific rotation	+31.53°	+30.5° to +32.5°
4.	Chloride	0.008%	Max 0.02%
5.	Sulphate	0.012%	Max 0.03%
6.	Heavy metals (as Pb)	0.0004%	Max 0.001%
7.	Iron	0.0005%	Max 0.001%
8.	Ammonium	0.001%	Max. 0.02%
9.	Ninhydrin positive substance	< 0.5%	Max. 0.5%
10.	Sulphated ash (600°C)	0.061%	Max. 0.1%
11.	Loss on drying (105°C)	0.22%	Max. 0.5%

**Chief Chemist**