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CERTIFICATE OF ANALYSIS

Name of the Sample : L - Glutamic Acid
Batch No. : 225819
Date of Mfg : June 2022
Date of Exp : May 2027
Register No. : 2022-23
Qty of Sample : 100gm
Date of Analysis : June 2022

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	A White powder
2.	Assay	99.52%	Min 99.0%
3.	Specific rotation	+31.7°	+30.5° to +32.5°
4.	Chloride	0.015%	Max 0.02%
5.	Sulphate	0.021%	Max 0.03%
6.	Heavy metals (as Pb)	0.0001%	Max 0.001%
7.	Iron	0.00045%	Max 0.001%
8.	Ammonium	0.008%	Max. 0.02%
9.	Ninhydrin positive substance	< 0.5%	Max. 0.5%
10.	Sulphated ash (600°C)	0.053%	Max. 0.1%
11.	Loss on drying (105°C)	0.19%	Max. 0.5%

Chief Chemist