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CERTIFICATE OF ANALYSIS

Name of the Sample : L – Lysine monohydrochloride
Batch No. : 227459
Date of Mfg. : March 2024
Date of Exp. : Feb 2029
Register No. : 2024-25
Qty of Sample : 100gm
Date of Analysis : March 2024

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White Crystalline Powder
2.	Assay (on anhydrous substance by HClO ₄ Titration)	99.2%	98.5 – 101.0%
3.	Chloride contents	19.09%	19.0 – 19.6%
4.	Loss on drying at 105°C (3 hours)	0.25%	Max.0.4%
5.	Residue on ignition	0.078%	Max.0.1%
6.	Iron	< 0.003%	Max.0.003%
7.	Heavy metals (as Pb)	< 0.0015%	Max.0.0015%
8.	Sulphate	< 0.03%	Max.0.03%

Chief Chemist