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CERTIFICATE OF ANALYSIS

Name of the Sample : L – Leucine for biochemistry
Batch No. : 224114
Date of Mfg : Sep 2020
Date of Exp : Aug 2025
Register No. : 2020-21
Qty of Sample : 100gm
Date of Analysis : Sep 2020

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White Crystalline Powder
2.	Assay	99.6%	Min.99%
3.	Specific Rotation (c = 2 in 5N HCl)	+ 14.1°	+14° to +15°
4.	Loss on drying at 110°C	0.19%	Max.0.5%
5.	Sulphated ash	0.084%	Max.0.1%
6.	Chloride	< 0.01%	Max.0.01%
7.	Sulphate	< 0.01%	Max.0.01%
8.	Iron	< 0.0005%	Max.0.0005%
9.	Lead	< 0.01%	Max.0.01%
10.	Iso Leucine	< 1.0%	Max.1.0%

Chief Chemist