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Corporate Off. : 152, Vardhman City Centre, Near Shakti Nagar Underbridge, Delhi-110052 (India)  
Works : Plot No.1022, Modern Industrial Estate, Bahadurgarh-124507, Haryana (India)  
Telephone : 0091 - 11 - 23646422 E-mail : tecpharm@gmail.com  
Website : www.technopharmchem.com

### CERTIFICATE OF ANALYSIS

**Name of the Sample** : L – Serine for Biochemistry  
**Batch No.** : 227228  
**Date of Mfg.** : Dec 2023  
**Date of Exp.** : Nov 2028  
**Register No.** : 2023-24  
**Qty of Sample** : 100gm  
**Date of Analysis** : Dec 2023

S.No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White to off-white crystalline powder
2.	Assay	99.8%	Min. 99.0%
3.	Loss on drying (105°C)	0.11%	Max 0.5%
4.	Specific Optical Rotation (C=10 in 2M HCl)	+13.349°	+14° to +16°
5.	Sulphated ash	0.01%	Max 0.1%
6.	Iron (Fe)	< 0.001%	Max 0.001%
7.	Heavy metals (Pb)	< 0.001%	Max 0.001%

**Chief Chemist**