

CERTIFICATE OF ANALYSIS

PRODUCT NAME : L-SERINE FOR BIOCHEMISTRY

CAS No	: 56-45-1	Product code	: 17820
Mol. Formula	: C ₃ H ₇ NO ₃	Batch No	: MCR-26164-02
Mol. WT	: 105.09	Mfd.	: May 2025
Date of Analysis	: 06/05/25	Exp.	: April 2030

S.R	Test	Specification	Observation
1	Description	White to almost white or off white crystalline powder.	White crystalline powder.
2	Assay	99% min	99.42%
3	Specific rotation [α] ²⁰ _D (C=10 , 5N HCl)	+12 ⁰ to +16 ⁰	+14.88 ⁰
4	Sulphated ash	0.1% max.	0.05%
5	Iron(Fe)	0.001% max.	<0.001%
6	Heavy metals (as Pb)	0.001% max.	<0.001%
7	Loss on drying at 105⁰C	0.5% max.	0.21%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Sayli)**



[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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