



CERTIFICATE OF ANALYSIS

PRODUCT NAME : L-SERINE FOR BIOCHEMISTRY

CAS No : 56- 45- 1
Mol. Formula : C₃H₇NO₃
Mol. WT : 105.09
Date of Analysis : 24/07/22

Product code : 17820
Batch No. : MCR-26164
Mfd. : July 2022
Exp. : June 2027

S. R	Test	Specification	Observation
1	Description	White to almost white or off white crystalline powder.	White crystalline powder.
2	Assay	99% min	99.45%
3	Specific rotation $[\alpha]^{20}_D$ (C=2, 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 105 ⁰ C	0.5% max.	0.20%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

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

Note: Computer generated image requires no sign.

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