



CERTIFICATE OF ANALYSIS

PRODUCT NAME : L-ALANINE FOR BIOCHEMISTRY

CAS No	: 56-41-7	Product code	: 21280
Mol. Formula	: C₃H₇NO₂	Batch No.	: MCR-21544-01
Mol. WT	: 89.09	Mfd.	: Oct. 2021
Date of analysis	: 06/10/21	Exp.	: Sept. 2026

S. R.	Test	Specification	Observation
1	Description	White crystalline powder.	White crystalline powder.
2	Minimum assay (HClO ₄ titration) (on dried basis)	99% min	99.10%
3	Specific rotation [α] ²⁰ _D (C=5 in HCL 1mol/litre)	+14 ⁰ to +16 ⁰	+15 ⁰
4	Heavy metals (as Pb)	0.001% max	<0.001%
5	Loss on drying at 105 ⁰ C	0.5% max	0.24%

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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