



CERTIFICATE OF ANALYSIS

PRODUCT NAME : L-ALANINE FOR BIOCHEMISTRY

CAS No : 56-41-7
Mol. Formula : $C_3H_7NO_2$
Mol. WT : 89.09
Date of analysis : 20/11/19

Product code : 21280
Batch No : MCR-20077
Mfd. : Nov. 2019
Exp. : Oct. 2024

S. R.	Test	Specification	Observation
1	Description	White crystalline powder.	White crystalline powder.
2	Minimum assay ($HClO_4$ titration) (on dried basis)	99% min	99.93%
3	Specific rotation $[\alpha]^{20}_D$ (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	0.2%

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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