



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 : 23/08/19

Product code : 21280
Batch No : MCR-19404
Mfd. : Aug. 2019
Exp. : July 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	99.86%
3	Specific rotation $[\alpha]^{20}_D$ (C=5 in HCL 1mol/litre)	+14 ⁰ to +16 ⁰	+14.99 ⁰
4	Heavy metals (as Pb)	0.001% max	<0.001%
5	Loss on drying at 105 ⁰ C	0.5% max	0.25%

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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