CERTIFICATE OF ANALYSIS

Date: 16/07/18

PRODUCT NAME : L-ALANINE FOR BIOCHEMISTRY

CAS No : 56-41-7
Mol. Formula : $C_3H_7NO_2$
Mol. WT : 89.09
Exp. : June 2023

Product code : 21280
Batch No : MCR-16513
Mfd. : July 2018

S. R.	Test	Specification	Observation
1	**Description**	White crystalline powder.	White crystalline powder.
2	**Minimum assay ($HClO_4$ titration) (on dried basis)**	99% min	99.92%
3	**Specific rotation $[\alpha]^{20}_{D}$ (C=5 in HCL 1mol/litre)**	$+14^0$ to $+16^0$	$+15.0^0$
4	**Heavy metals (as Pb)**	0.001% max	<0.001%
5	**Loss on drying at 105^0C**	0.5% max	0.21%

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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