



CERTIFICATE OF ANALYSIS

Date: 27/01/18

PRODUCT NAME : L-LEUCINE FOR BIOCHEMISTRY

CAS No : 61- 90- 5
Mol. Formula : $C_6H_{13}NO_2$
Mol. WT : 131.18
Exp. : Dec. 2022

Product code : 53240
Batch No : MCR 15352
Mfd. : Jan. 2018

S. R	Test	Specification	Observation
1	Assay($HClO_4$ titration)	99% min	99.29%
2	Specific rotation $[\alpha]^{20}_D$ (C = 2,5N HCl)	+ 14 ⁰ to + 15 ⁰	+ 15 ⁰
3	Loss on drying (105 ⁰ C)	0.5% max	0.40%
4	Chloride (Cl)	0.01% max	<0.01%
5	Sulphate (SO ₄)	0.01% max	<0.01%
6	Iron (Fe)	0.001% max	<0.001%
7	Ammonium (NH ₄)	0.02% max	<0.02%
8	Heavy metals (as Pb)	0.001% max	<0.001%

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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