



CERTIFICATE OF ANALYSIS

Date: 27/04/17

PRODUCT NAME : L-LEUCINE FOR BIOCHEMISTRY

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

Product code : 53240
Batch No : MCR-13649
Mfd. : April 2017

S.R	Test	Specification	Observation
1	Assay	99% w/w min	99.75% w/w
2	Specific rotation $[\mu]^{20}_D$ C = 2, 5 N HCl	+ 14 to + 15 ⁰	+ 15 ⁰
3	Loss on drying at 110°C	0.5% max	0.15%
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	Heavy metals (Pb)	0.001% max	< 0.001%
8	Ammonium (NH ₄)	0.02% max	< 0.02%

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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