



CERTIFICATE OF ANALYSIS

Date: 14/02/13

PRODUCT NAME : L-ISOLEUCINE FOR BIOCHEMISTRY

CAS No : 73- 32- 5
Mol. Formula : $C_6H_{13}NO_2$
Mol. WT : 131.18

Product code : 15120
Batch No : MCR-6338
Mfd . : Feb 2013

S. R	Test	Specification	Observation
1	Assay	99% w/w min	99.43%w/w
2	Specific rotation $[\alpha]^{20}_D$ C = 2, 5 N HCl	+ 36 to + 37 ⁰	+ 36 ⁰
3	Loss on drying at 110°C	0.5% max	0.43%
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)	0.01% max	< 0.01 %

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATION

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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