



CERTIFICATE OF ANALYSIS

Date: 08/11/16

PRODUCT NAME : L-VALINE FOR BIOCHEMISTRY

CAS No : 72-18-4
Mol. Formula : $C_5H_{11}NO_2$
Mol. WT : 117.15
Exp. : Oct. 2021

Product code : 54320
Batch No : MCR-12613
Mfd. : Nov. 2016

S.R	Test	Specification	Observation
1	Assay	99 % w/w min	99.89% w/w
2	Specific rotation [] C= 2, 5 N HCl	+ 25.0 to +28.5 ⁰	+ 25 ⁰
3	Heavy metals (as Pb)	0.001% max	< 0.001%
4	Loss on drying at 105°C	0.5% max	0.4%
5	Chloride (Cl)	0.01% max	< 0.01%
6	Sulphate (SO ₄)	0.01% max	< 0.01%
7	Iron (Fe)	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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