CERTIFICATE OF ANALYSIS

Date: 25/01/18

PRODUCT NAME : L-VALINE FOR BIOCHEMISTRY

CAS No : 72-18-4
Mol. Formula : $C_5H_{11}NO_2$
Mol. WT : 117.15
Exp. : Dec. 2022

Product code : 54320
Batch No : MCR-12613-01
Mfd. : Jan. 2018

S.R	Test	Specification	Observation
1	**Assay**	99 % w/w min	99.86%w/w
2	**Specific rotation [α] C= 2, 5 N HCl**	+ 25.0 to +28.5^0	+ 25.2^0
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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