



CERTIFICATE OF ANALYSIS

PRODUCT NAME : L-VALINE FOR BIOCHEMISTRY

CAS No	: 72-18-4	Product code	: 54320
Mol. Formula	: C₅H₁₁NO₂	Batch No	: MCR-28329
Mol. WT	: 117.15	Mfd.	: May 2023
Date of analysis	: 20/05/23	Exp.	: April 2028

S.R	Test	Specification	Observation
1	Description	White powder	White powder
2	Assay	99 % w/w min	99.64%w/w
3	Specific rotation [α] C= 2, 5 N HCl	+ 25.0 to +28.5 ⁰	+ 27.47 ⁰
4	Heavy metals (as Pb)	0.001% max	< 0.001%
5	Loss on drying at 105°C	0.5% max	0.27%
6	Chloride (Cl)	0.01% max	< 0.01%
7	Sulphate (SO₄)	0.01% max	< 0.01%
8	Iron (Fe)	0.001% max	< 0.001%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Jyoti)**

**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.

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