

CERTIFICATE OF ANALYSIS

PRODUCT NAME : L-THREONINE FOR BIOCHEMISTRY

CAS No : 72-19-5
Mol. Formula : C₄H₉NO₃
Mol. WT : 119.12
Date of analysis : 18/05/24

Product code : 54060
Batch No. : MCR-6267-06
Mfd. : May 2024
Exp. : April 2029

S. R	Test	Specification	Observation
1	Description	White crystalline powder.	White crystalline powder.
2	Assay(HClO₄ titration)	99% min	99.15%
3	Specific rotation [α]²⁰_D C =2, water	- 29 to - 27 ⁰	-29
4	Loss on drying at 105°C	0.5%max	0.2%
5	Chloride (Cl)	0.01%max	<0.01%
6	Sulphate (SO₄)	0.01%max	<0.01%
7	Iron (Fe)	0.001%max	<0.001%
8	Heavy metals (Pb)	0.001%max	<0.001%
9	Ammonium (NH₄)	0.01%max	<0.01%

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.

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.