



CERTIFICATE OF ANALYSIS

PRODUCT NAME : L-THREONINE FOR BIOCHEMISTRY

CAS No : 72- 19- 5
Mol. Formula : C₄H₉NO₃
Mol. WT : 119.12
Date of analysis : 07/10/21

Product code : 54060
Batch No. : MCR-6267-04
Mfd. : Oct. 2021
Exp. : Sept. 2026

S. R	Test	Specification	Observation
1	Description	White crystalline powder.	White crystalline powder.
2	Assay(HClO ₄ titration)	99% min	99.19%
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 (SO ₄)	0.01%max	<0.01%
7	Iron (Fe)	0.001%max	<0.001%
8	Heavy metals (Pb)	0.001%max	<0.001%
9	Ammonium (NH ₄)	0.01%max	<0.01%

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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