



**SISCO
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Certificate of Analysis

Product	19305 - L-Methionine extrapure CHR, 99% - [63-68-3]
Batch No	9656970
Analysis Date	23-Nov-2023
Date of Manufacture	November 2023
Expiry Date/Re-Test Date	November 2028
Molecular Formula	C5H11NO2S
Molecular Weight	149.21

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% solution 2N HCl	Clear	Clear
Solubility (Colour) 10% solution 2N HCl	Colourless	Colourless
Assay (NT)	min. 99%	99.6%
Specific rotation [α]	+22° to +25° (C=5, 5N HCl)	+24.781°
Loss on drying	max. 0.5%	0.03%
Sulphated Ash	max. 0.1%	0.07%
Chloride (Cl)	max. 0.02%	Passes
Sulphate (SO ₄)	max. 0.02%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Ammonium (NH ₄)	max. 0.01%	Passes
Homogeneity by TLC	Passes	Passes

FRM/82/11/4/19305 Rev No. 2 Date 20/12/2022

Prepared by Yogesh

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 410 208, Maharashtra, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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