



**SISCO
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Certificate of Analysis

Product	73383 - D-Cysteine (base) extrapure, 99% - [921-01-7]
Batch No	1015613
Analysis Date	01-Jan-2023
Date of Manufacture	January 2023
Expiry Date/Re-Test Date	January 2028
Molecular Formula	C3H7NO2S
Molecular Weight	121.16

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% solution in 2N HCl	Clear	Clear
Solubility (Colour) 10% solution in 2N HCl	Colourless	Colourless
Assay	min. 99%	99.2%
Specific rotation [α]	- 6.5° to -8.0° (C=2, 5N HCl)	- 6.5°
Loss on drying	max. 0.5%	0.3%
Sulphated Ash	max. 0.1%	0.04%
Chloride (Cl)	max.0.01%	Passes
Sulphate (SO4)	max. 0.01%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Ammonium (NH4)	max. 0.01%	Passes
Homogeneity by TLC	Passes test	Passes

FRM/82/11/4/73383 Rev No. 1 Date 09/11/2018

Prepared by Yogesh

In compliance with the standard specifications of SRL

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

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