



**SISCO  
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## Certificate of Analysis

<b>Product</b>	<b>24425 - DL-Serine extrapure CHR, 99% - [302-84-1]</b>
<b>Batch No</b>	<b>8040604</b>
<b>Analysis Date</b>	20-Oct-2020
<b>Date of Manufacture</b>	October 2020
<b>Expiry Date/Re-Test Date</b>	October 2025
<b>Molecular Formula</b>	C3H7NO3
<b>Molecular Weight</b>	105.09

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	min.99%	99.3%
Loss on drying	max. 0.5%	0.4%
Sulphated Ash	max. 0.1%	0.05%
Chloride (Cl)	max. 0.02%	Passes
Sulphate (SO4)	max. 0.03%	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 test

FRM/82/11/4/24425 Rev No. 1 Date 01/11/2015

Prepared by **Aniket Nimbalkar**

In compliance with the standard specifications of SRL

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

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