



**SISCO  
RESEARCH  
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PVT. LTD.**

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## Certificate of Analysis

<b>Product</b>	<b>11514 - Glutathione Reduced (GSH) for molecular biology, 99.5% - [70-18-8]</b>
<b>Batch No</b>	<b>4506403</b>
<b>Analysis Date</b>	08-Feb-2024
<b>Date of Manufacture</b>	February 2024
<b>Expiry Date/Re-Test Date</b>	February 2029
<b>Molecular Formula</b>	C10H17N3O6S
<b>Molecular Weight</b>	307.32

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 5% aq. solution	Clear	Clear
Solubility (Colour) 5% aq. solution	Colourless	Colourless
Assay (NT)	min. 99.5%	99.7%
Melting Point	185 - 195°C	189°C
Loss on drying	max. 0.5%	0.3%
Heavy Metals (Pb)	max. 0.001%	Passes
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/11514 Rev No. 2 Date 15/11/2022

Prepared by **Prajakta**

In compliance with the standard specifications of SRL

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

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1/1

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