



**SISCO
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PVT. LTD.**

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Certificate of Analysis

Product	30709 - 1,10-Phenanthroline Anhydrous extrapure, 99%, water 2% - [66-71-7]
Batch No	8961138
Analysis Date	13-Mar-2024
Date of Manufacture	March 2024
Expiry Date/Re-Test Date	March 2029
Molecular Formula	C12H8N2
Molecular Weight	180.21

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off - white	Off - white
Appearance (Form)	Crystalline powder	Crystalline powder
Assay (NT)	min.99%	99.7%
Melting Point	117 - 120°C	119.9°C
Sensitivity for Iron (Fe)	Passes test	Passes
Sensitivity as redox indicator	Passes test	Passes
Water	max. 2%	1.0%

FRM/82/11/4/30709 Rev No. 1 Date 03/05/2018

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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