



**SISCO
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PVT. LTD.**

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Certificate of Analysis

Product

**31888 - 1,10-Phenanthroline Hydrochloride
Monohydrate extrapure AR, 99.5% - [18851-33-7]**

Batch No

5331670

Analysis Date

10-Aug-2022

Date of Manufacture

August 2022

Expiry Date/Re-Test Date

August 2027

Molecular Formula

C₁₂H₉CIN₂.H₂O

Molecular Weight

234.69

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off-white to pale pink to light purple	Pale pink
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 1% aq. solution	Clear	Clear
Assay (NT)	min. 99.5%	99.6%
Sulphated Ash	max. 0.05%	0.02%
Sensitivity as reagent for Iron	Passes test	Passes
Sensitivity as redox indicator	Passes test	Passes

FRM/82/11/4/31888 Rev No. 2 Date 30/07/2022

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

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