



CERTIFICATE OF ANALYSIS

PRODUCT NAME : 1,10-PHENANTHROLINE HCl AR
REDOX INDICATOR

CAS No	: 18851-33-7	Product code	: 24641
Mol. Formula	: C₁₂H₉ClN₂·H₂O	Batch No	: MCR-13918-01
Mol. WT	: 234.69	Mfd.	: June 2021
Date of analysis	: 03/06/21	Exp.	: May 2026

S. R.	Test	Specification	Observation
1	Description	White to off white or slightly pinkish white crystals or crystalline powder, becoming cream coloured on storage.	Pinkish white crystalline powder.
2	Assay (acidimetric)	99.5% min	99.65%
3	Substance insoluble in water	passes test	passes test
4	Water	7.0 – 8.5%	7.28 %
5	Sulphated ash	0.2% max	0.03%
6	Suitability as indicator	passes test	passes test
7	Sensitivity test for iron (II)	passes test	passes test

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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