



CERTIFICATE OF ANALYSIS

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

CAS No : 18851-33-7
Mol. Formula : $C_{12}H_9ClN_2 \cdot H_2O$
Mol. WT : 234.69
Date of analysis : 28/01/21

Product code : 24641
Batch No : MCR-22756
Mfd. : Jan. 2021
Exp. : Dec. 2025

S. R.	Test	Specification	Observation
1	Description	White to off white or slightly pinkish white crystals or crystalline powder, becoming cream coloured on storage.	White crystalline powder, becoming cream coloured on storage.
2	Assay (acidimetric)	99.5% min	99.71%
3	Substance insoluble in water	passes test	passes test
4	Water	7.0 – 8.5%	8.40 %
5	Sulphated ash	0.2% max	0.10%
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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