

CERTIFICATE OF ANALYSIS

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

CAS No	: 18851-33-7	Product code	: 24641
Mol. Formula	: C ₁₂ H ₉ ClN ₂ .H ₂ O	Batch No.	: MCR-31041
Mol. WT	: 234.69	Mfd.	: May 2024
Date of analysis	: 17/05/24	Exp.	: April 2029

S.R.	Test	Specification	Observation
1	Description	White to off white or slightly pinkish white powder or crystals or crystalline powder, becoming cream coloured on storage.	Slightly pinkish white crystalline powder.
2	Assay (acidimetric)	99.5% min	99.60%
3	Substance insoluble in water	Passes test	Passes test
4	Water	7.0 – 8.5%	8.33 %
5	Sulphated ash	0.2% max	0.12%
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]



CHEMIST
(Asmita)

[QC Incharge]



HEAD-QUALITY ASSURANCE
(G.G.Salián)

Note: Computer generated image requires no sign.

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