

Certificate of Analysis

Compound Information

Product Name:	1,10-Phenanthroline monohydrochloride monohydrate
Cat. No.:	1024497
CAS No.:	18851-33-7
Molecular Formula:	C ₁₂ H ₁₁ ClN ₂ O
Molecular Weight:	234.68
Chemical Structure:	



HCl
H₂O

Batch Information

Batch No.:	Lf1107180430
Storage:	2-8°C, protect from light, stored under nitrogen
Mfg. Date:	2022-11-16
Retest Date:	2025-11-15
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
Purity:	99.63%
Residue on Ignition:	0.20%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

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