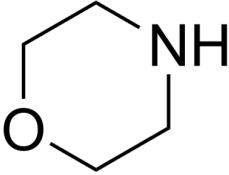


Certificate of Analysis

Compound Information

Product Name:	Morpholine (hydrochloride)
Cat. No.:	1014534
CAS No.:	10024-89-2
Molecular Formula:	C ₄ H ₁₀ ClNO
Molecular Weight:	123.58
Chemical Structure:	

HCl

Batch Information

Batch No.:	Le090397386
Storage:	Store at room temperature
Test Date:	2021-09-03
Retest Date:	2026-09-02
Origin:	Shanghai, China

QC Summary

Appearance:	White to light yellow (Solid)
¹H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (NMR):	≥97.0%
Residue on Ignition:	0.02%
Conclusion:	The product has been tested and complies with the given specifications.

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

Tel: 400-821-0725

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