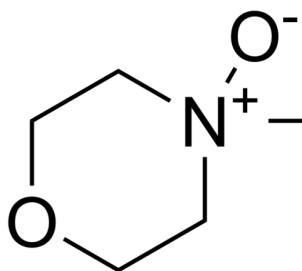


Certificate of Analysis

Compound Information

Product Name:	4-Methylmorpholine 4-oxide, 50%aqueous solution
Cat. No.:	1440042
CAS No.:	7529-22-8
Molecular Formula:	C ₅ H ₁₁ NO ₂
Molecular Weight:	117.15
Chemical Structure:	



Batch Information

Batch No.:	Lg1010310911
Storage:	2-8°C, sealed storage, away from moisture
Test Date:	2023-10-10
Retest Date:	2026-10-09
Origin:	Shanghai, China

QC Summary

	Specification	Result
Appearance:	Colorless to light yellow (Liquid)	Colorless (Liquid)
¹ H NMR Spectrum:	Consistent with structure	Consistent with structure
Structure Identification(Infrared Spectrum):	Conforms	Conforms
Structure Identification(Proton NMR Spectrum):	Conforms	Conforms
Density(20°C):	1.11-1.13	qualified
Refractive Index n₂₀/D:	1.411-1.431	qualified
Purity(Nonaqueous Titration), ω/%:	50-55	50.26
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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