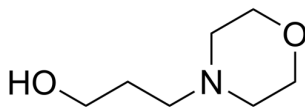


Certificate of Analysis

Compound Information

Product Name:	4-(3-Hydroxypropyl)morpholine
Cat. No.:	1032802
CAS No.:	4441-30-9
Molecular Formula:	C ₇ H ₁₅ NO ₂
Molecular Weight:	145.20
Chemical Structure:	



Batch Information

Batch No.:	Lf1216190836
Storage:	Storage temp. 2-8°C
Test Date:	2022-12-20
Retest Date:	2025-12-19
Origin:	Shanghai, China

QC Summary

Appearance:	Colorless to light yellow (Solid-liquid mixture)
¹H NMR Spectrum:	Consistent with structure
Purity (GC):	97.16%
Water(KF):	0.30%
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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