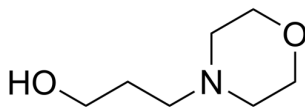


Certificate of Analysis

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.: | Lg0503243799 |
| Storage: | Storage temp. 2-8°C |
| Test Date: | 2023-05-04 |
| Retest Date: | 2026-05-03 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------------|---|
| Appearance: | Colorless to light yellow (Solid-liquid mixture) |
| ¹H NMR Spectrum: | Consistent with structure |
| Purity (GC): | 99.20% |
| Water(KF): | 0.15% |
| 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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