

## Certificate of Analysis

### Compound Information

**Product Name:** 3-Ketomorpholine

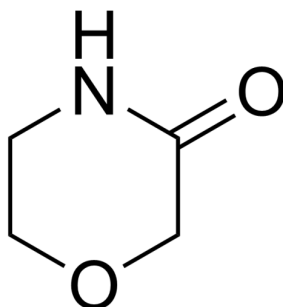
**Cat. No.:** 1050951

**CAS No.:** 109-11-5

**Molecular Formula:** C<sub>4</sub>H<sub>7</sub>NO<sub>2</sub>

**Molecular Weight:** 101.10

**Chemical Structure:**



### Batch Information

**Batch No.:** L380610

**Storage:** Store at room temperature

**Test Date:** 2024-03-21

**Retest Date:** 2029-03-20

**Origin:** Shanghai, China

### QC Summary

**Appearance:** White to yellow (Solid)

**<sup>1</sup>H NMR Spectrum:** Consistent with structure

**Assay (QNMR):** 99.22%

**Water(KF):** 0.60%

**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

E-mail: [product@leyan.com](mailto:product@leyan.com)

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai