

## Certificate of Analysis

### Compound Information

**Product Name:** Homopiperazine

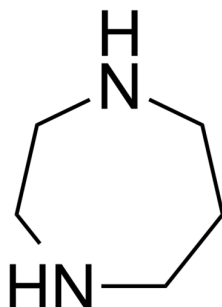
**Cat. No.:** 1033960

**CAS No.:** 505-66-8

**Molecular Formula:** C<sub>5</sub>H<sub>12</sub>N<sub>2</sub>

**Molecular Weight:** 100.16

**Chemical Structure:**



### Batch Information

**Batch No.:** Ld1015d4

**Storage:** Storage temp. 2-8°C

**Mfg. Date:** 2020-06-30

**Retest Date:** 2023-06-29

**Origin:** Shanghai, China

### QC Summary

**Appearance:** Off-white to pink (<38°C Solid, >40°C Liquid)

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

**Purity (GC):** 99.86%

**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