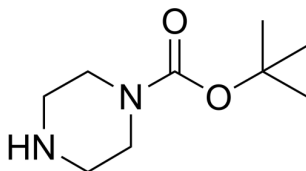


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	N-Boc-piperazine
<b>Cat. No.:</b>	1036325
<b>CAS No.:</b>	57260-71-6
<b>Molecular Formula:</b>	C <sub>9</sub> H <sub>18</sub> N <sub>2</sub> O <sub>2</sub>
<b>Molecular Weight:</b>	186.25
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Lf1215190445
<b>Storage:</b>	Storage temp. 2-8°C
<b>Test Date:</b>	2022-06-09
<b>Retest Date:</b>	2025-06-08
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	Off-white to light yellow (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>Purity (GC):</b>	99.51%
<b>Water(KF):</b>	0.37%
<b>Conclusion:</b>	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