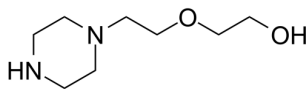


## Certificate of Analysis

### Compound Information

|                            |  |
|----------------------------|--|
| <b>Product Name:</b>       | 1-[2-(2-Hydroxyethoxy)-ethyl] piperazine                     |
| <b>Cat. No.:</b>           | 1059742  |
| <b>CAS No.:</b>            | 13349-82-1   |
| <b>Molecular Formula:</b>  | C <sub>8</sub> H <sub>18</sub> N <sub>2</sub> O <sub>2</sub> |
| <b>Molecular Weight:</b>   | 174.24   |
| <b>Chemical Structure:</b> |  |



### Batch Information

|                     |                     |
|---------------------|---------------------|
| <b>Batch No.:</b>   | Lf0720147852        |
| <b>Storage:</b>     | Storage temp. 2-8°C |
| <b>Mfg. Date:</b>   | 2015-05-25          |
| <b>Retest Date:</b> | 2023-05-24          |
| <b>Origin:</b>      | Shanghai, China     |

### QC Summary

|                     |   |
|---------------------|---|
| <b>Appearance:</b>  | Colorless to light yellow (Liquid)                                      |
| <b>Purity (GC):</b> | 99.98%  |
| <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