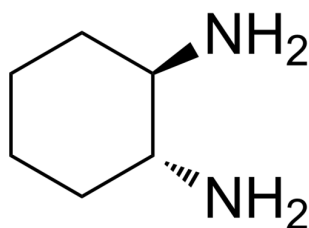


Certificate of Analysis

Compound Information

| | |
|----------------------------|---|
| Product Name: | (1R,2R)-Cyclohexane-1,2-diamine |
| Cat. No.: | 1025324 |
| CAS No.: | 20439-47-8 |
| Molecular Formula: | C ₆ H ₁₄ N ₂ |
| Molecular Weight: | 114.19 |
| Chemical Structure: | |



Batch Information

| | |
|---------------------|--|
| Batch No.: | Lf0107117238 |
| Storage: | 2-8°C, protect from light, stored under nitrogen |
| Test Date: | 2022-01-08 |
| Retest Date: | 2025-01-07 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------------|---|
| Appearance: | Colorless to off-white (<41°C Solid,>45°C Liquid) |
| ¹H NMR Spectrum: | Consistent with structure |
| Purity (NMR): | ≥97.0% |
| Water(KF): | 0.30% |
| OR(C=1.027g/100ml 1N HCL): | -24.0° |
| 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

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