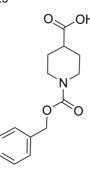




Certificate of Analysis

Compound Information

| Product Name: | N-Cbz-4-Piperidinecarboxylic acid |
|---------------------|---|
| Cat. No.: | 1015330 |
| CAS No.: | 10314-98-4 |
| Molecular Formula: | C ₁₄ H ₁₇ NO ₄ |
| Molecular Weight: | 263.29 |
| Chemical Structure: | О _{у∕} ОН |
| | |



Batch Information

| Batch No.: | Lf0222123376 |
|--------------|---------------------------|
| Storage: | Store at room temperature |
| Test Date: | 2022-02-24 |
| Retest Date: | 2027-02-23 |
| Origin: | Shanghai, China |
| | |

QC Summary

| Appearance: | White to off-white (Solid) |
|------------------------------|---|
| ¹ H NMR Spectrum: | Consistent with structure |
| Purity (HPLC): | 97.60% |
| Water(KF): | 0.44% |
| 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