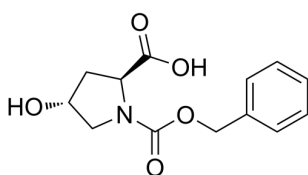


## Certificate of Analysis

### Compound Information

|                     |   |
|---------------------|---|
| Product Name:       | N-Cbz-hydroxy-L-proline                         |
| Cat. No.:           | 1020407   |
| CAS No.:            | 13504-85-3                                      |
| Molecular Formula:  | C <sub>13</sub> H <sub>15</sub> NO <sub>5</sub> |
| Molecular Weight:   | 265.26  |
| Chemical Structure: |   |



### Batch Information

|              |                     |
|--------------|---------------------|
| Batch No.:   | Lg0925308072        |
| Storage:     | Storage temp. 2-8°C |
| Test Date:   | 2023-09-25          |
| Retest Date: | 2026-09-24          |
| Origin:      | Shanghai, China     |

### QC Summary

|                              |   |
|------------------------------|---|
| Appearance:                  | White to off-white (Solid)  |
| <sup>1</sup> H NMR Spectrum: | Consistent with structure   |
| Purity (HPLC):               | 99.93%  |
| Optical Rotation[α]:         | -51.2° (C=1.00g/100ml ETOH)   |
| Conclusion:                  | The product has been tested and complies with the given specifications. |

Caution: Research use only and are not intended for human use.

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