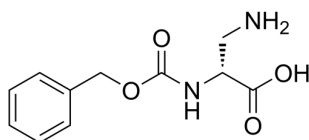


## Certificate of Analysis

### Compound Information

**Product Name:** Z-D-Dap-OH  
**Cat. No.:** 1112286  
**CAS No.:** 62234-37-1  
**Molecular Formula:** C<sub>11</sub>H<sub>14</sub>N<sub>2</sub>O<sub>4</sub>  
**Molecular Weight:** 238.24  
**Chemical Structure:**



### Batch Information

**Batch No.:** Le1217114206  
**Storage:** Store at room temperature  
**Test Date:** 2021-12-21  
**Retest Date:** 2026-12-20  
**Origin:** Shanghai, China

### QC Summary

**Appearance:** White to off-white (Solid)  
**<sup>1</sup> H NMR Spectrum:** Consistent with structure  
**Purity (HPLC):** 98.23%  
**OR(C=0.68500 1N HCL):** 35.2°  
**Water(KF):** 0.14%  
**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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