

# Certificate of Analysis

## Compound Information

**Product Name:** Boc-L-Pyroglutamic acid benzyl ester  
**CAS No.:** 113400-36-5  
**Cat. No.:** G9625940  
**Molecular Formula:** C<sub>17</sub>H<sub>21</sub>NO<sub>5</sub>  
**Molecular Weight:** 319.35

## Batch Information

**Batch No.:** 7290122  
**Test Date:** 2024-10-20  
**Report Date:** 2024-10-21  
**Retest Date:** 2031-04-17  
**Storage:** Store in a cool, dry area.  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	98%+(LC-MS)	99.54%
NMR	Consistent with structure	Consistent with structure
Optical Rotation	'-36~-40	-37.66

## Conclusion

The product has been tested and complies with the given specifications.

## Signature

Reviewed by :



Reviewed by:



Approved by:

