

# Certificate of Analysis

## Compound Information

**Product Name:** Ethyl N-(Tert-Butoxycarbonyl)-D-Pyroglutamate  
**CAS No.:** 144978-35-8  
**Cat. No.:** G1786466  
**Molecular Formula:** C<sub>12</sub>H<sub>19</sub>NO<sub>5</sub>  
**Molecular Weight:** 257.28

## Batch Information

**Batch No.:** 6925223  
**Test Date:** 2024-10-09  
**Report Date:** 2024-10-10  
**Retest Date:** 2030-04-06  
**Storage:** Store in a cool, dry area.  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	98%(LC-MS)	Conforms to specification
NMR	Consistent with structure	Consistent with structure
Specific Rotation	+44.0 to +47.0	44.40

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

