

# Certificate of Analysis

## Compound Information

**Product Name:** L-Pyroglutamic Acid  
**CAS No.:** 98-79-3  
**Cat. No.:** G4542444  
**Molecular Formula:**  $C_5H_7NO_3$   
**Molecular Weight:** 129.11

## Batch Information

**Batch No.:** 9650452  
**Test Date:** 2023-03-13  
**Report Date:** 2023-03-14  
**Retest Date:** 2028-09-07  
**Storage:** Store in a cool,dry area.  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	99%(HPLC)	Conforms to specification
NMR	Consistent with structure	Consistent with structure
Optical Rotation	-8.0~-12.0	-11.03

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

