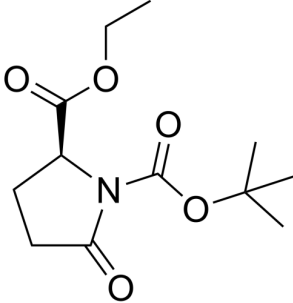


Certificate of Analysis

Compound Information

Product Name:	N-tert-Butoxycarbonylpyroglutamic acid ethyl ester
Cat. No.:	1021584
CAS No.:	144978-12-1
Molecular Formula:	C ₁₂ H ₁₉ NO ₅
Molecular Weight:	257.28
Chemical Structure:	

Batch Information

Batch No.:	Lf1e87356
Storage:	Store at room temperature
Test Date:	2022-12-03
Retest Date:	2027-12-02
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥97.0%
Water(KF):	0.14%
Residue on Ignition:	0.36%
OR(C=0.50 g/100ml, H₂O):	-47.0°
Conclusion:	The product has been tested and complies with the given specifications.

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

Tel: 400-821-0725

E-mail: product@leyan.com

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai