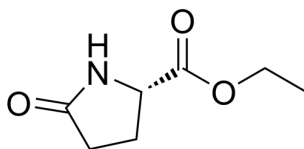


Certificate of Analysis

Compound Information

Product Name:	L-Pyroglutamic acid ethyl ester
Cat. No.:	1040677
CAS No.:	7149-65-7
Molecular Formula:	C ₇ H ₁₁ NO ₃
Molecular Weight:	157.17
Chemical Structure:	



Batch Information

Batch No.:	Le1213113417
Storage:	Storage temp. 2-8°C
Test Date:	2021-12-13
Retest Date:	2024-12-12
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
Purity (GC):	99.97%
Water(KF):	0.22%
Residue on Ignition:	0.061%
OR(C=0.678g/100ml MEOH):	6.9°
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