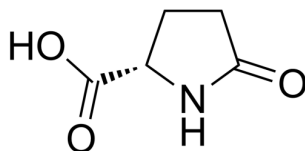


Certificate of Analysis

Compound Information

Product Name:	L-Pyroglutamic acid
Cat. No.:	1047693
CAS No.:	98-79-3
Molecular Formula:	C ₅ H ₇ NO ₃
Molecular Weight:	129.11
Chemical Structure:	



Batch Information

Batch No.:	Lf1212189427
Storage:	Storage temp. 2-8°C
Test Date:	2022-12-12
Retest Date:	2025-12-11
Origin:	Shanghai, China

QC Summary

Appearance:	White to light yellow (Solid)
¹ H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥98.0%
OR(C=1.00g/100ml H ₂ O):	-12.0°
Water(KF):	0.09%
Residue on Ignition:	0.01%
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

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