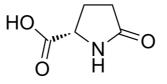




Certificate of Analysis

Compound Information

Product Name:	L-Pyroglutamic acid
Cat. No.:	1047693
CAS No.:	98-79-3
Molecular Formula:	$C_5H_7NO_3$
Molecular Weight:	129.11
Chemical Structure:	



Batch Information

Batch No.:	Lf1128185831
Storage:	Storage temp. 2-8°C
Test Date:	2022-11-28
Retest Date:	2025-11-27
Origin:	Shanghai, China

QC Summary

Appearance:	White to light yellow (Solid)
¹ H NMR Spectrum:	Consistent with structure
Enantiomeric Excess:	100%
Purity (NMR):	≥98.0%
Water(KF):	0.26%
Residue on Ignition:	0.16%
OR[α](C=1.0 g/100ml H ₂ O):	-11.9
Conclusion:	The product has been tested and complies with the given specifications.

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

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