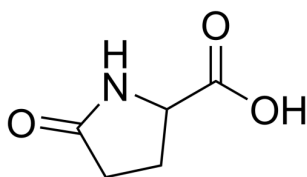


## Certificate of Analysis

### Compound Information

Product Name:	DL-Pyroglutamic acid
Cat. No.:	1022063
CAS No.:	149-87-1
Molecular Formula:	C <sub>5</sub> H <sub>7</sub> NO <sub>3</sub>
Molecular Weight:	129.11
Chemical Structure:	



### Batch Information

Batch No.:	Lf0701143994
Storage:	Storage temp. 2-8°C
Test Date:	2022-07-01
Retest Date:	2025-06-30
Origin:	Shanghai, China

### QC Summary

Appearance:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥98.0%
Water(KF):	0.42%
Residue on Ignition:	0.04%
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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