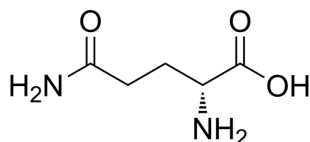


## Certificate of Analysis

### Compound Information

Product Name:	D-Glutamine
Cat. No.:	1089420
CAS No.:	5959-95-5
Molecular Formula:	C <sub>5</sub> H <sub>10</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	146.14
Chemical Structure:	



### Batch Information

Batch No.:	Ld103021674
Storage:	Storage temp. 2-8°C
Test Date:	2020-10-30
Retest Date:	2025-10-29
Origin:	Shanghai, China

### QC Summary

Appearance:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Optical Rotation:	Consistent with structure
Purity (NMR):	≥97.0%
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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