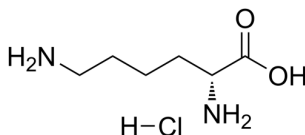


## Certificate of Analysis

### Compound Information

Product Name:	D-Lysine (monohydrochloride)
Cat. No.:	1040926
CAS No.:	7274-88-6
Molecular Formula:	C <sub>6</sub> H <sub>15</sub> ClN <sub>2</sub> O <sub>2</sub>
Molecular Weight:	182.65
Chemical Structure:	



### Batch Information

Batch No.:	Lf1123184631
Storage:	2-8°C, sealed storage, away from moisture
Test Date:	2022-11-23
Retest Date:	2025-11-22
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):	≥98.0%
Water(KF):	0.17%
OR[α](C=1.56 g/100ml 5N HCL):	-18.1°
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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