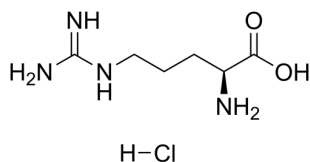


Certificate of Analysis

Compound Information

Product Name:	L-Arginine (hydrochloride)
Cat. No.:	1016999
CAS No.:	1119-34-2
Molecular Formula:	C ₆ H ₁₅ ClN ₄ O ₂
Molecular Weight:	210.66
Chemical Structure:	



Batch Information

Batch No.:	L408731
Storage:	2-8°C, sealed storage, away from moisture
Test Date:	2024-04-23
Retest Date:	2027-04-22
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
¹ H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (NMR):	≥97.0%
Water(KF):	0.29%
Residue on Ignition:	0.03%
Optical Rotation:	9.8883° (C=0.9041 g/100ml, H ₂ O)
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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