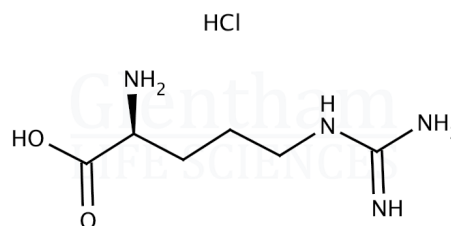


Product Specification

Product Name	L-Arginine hydrochloride, 99%, non-animal origin
Glentham Code	GM1323
CAS Number	1119-34-2
EINECS	214-275-1
Molecular Weight	210.67
Molecular Formula	C ₆ H ₁₄ N ₄ O ₂ · HCl
Storage Temp.	+20°C



Property	Specification
Physical Description	White or almost white crystalline powder or colourless crystals
Solubility (5% in water)	Clear, colourless solution
pH (5% in water)	4.7 - 6.2
Specific Optical Rotation ($[\alpha]_{20/D}$)	+21.0 - +23.5 °
Residue on Ignition	≤ 0.1%
Sulphate (SO ₄)	≤ 0.02%
Ammonium (NH ₄)	≤ 0.02%
Loss on Drying	≤ 0.5%
Assay	≥ 99.0%

Specification Version	-	v1.0
Date Created	-	2020-01-28

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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