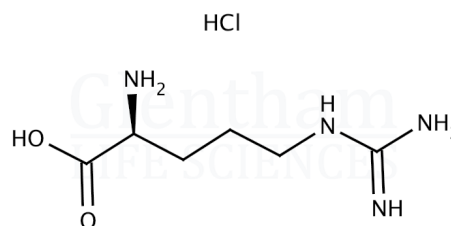


## Product Specification

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	$C_6H_{14}N_4O_2 \cdot HCl$
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 <sub>4</sub> )	≤ 0.02%
Ammonium (NH <sub>4</sub> )	≤ 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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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