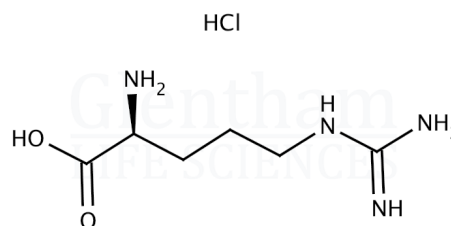


Product Specification

Product Name	L-Arginine hydrochloride, Ph. Eur., USP grade
Glentham Code	GM0108
CAS Number	1119-34-2
EINECS	214-275-1
MDL Number	MFCD00064550
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
Identification	A, B, C, D, E to pass tests
Solubility (5% in water)	Clear, colourless to faint yellow solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	+21.0 - +23.5 ° (c=8, 6N HCl)
Sulfate	≤ 300ppm
Ammonium	≤ 200ppm
Heavy Metals	≤ 10ppm
Loss on Drying	≤ 0.5% (105°C)
Assay (Titration)	98.5 - 101.0 %
Pharmacopoeia Specification(s)	Ph. Eur., USP

Specification Version	-	v1.0
Date Created	-	2022-02-14

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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