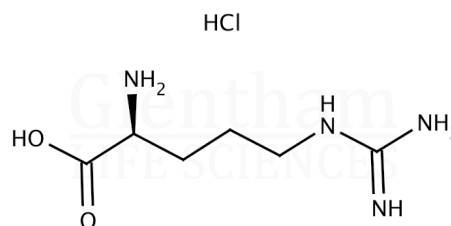


Product Specification

Product Name	L-Arginine hydrochloride
Glentham Code	GM7506
CAS Number	1119-34-2
EINECS	214-275-1
MDL Number	MFCD00064550
PubChem SID	310267015
Molecular Weight	210.67
Molecular Formula	$C_6H_{14}N_4O_2 \cdot HCl$
Storage Temp.	+20°C



Property	Specification
Physical Description	White to almost white powder
Identification (IR)	To conform to structure
Solubility (5% in water)	Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	+21.6 - +23.6 ° (c=8, 6M HCl)
Residue on Ignition	≤ 0.1%
Sulphate (SO ₄)	≤ 0.03%
Heavy Metals (as Pb)	≤ 20ppm
Chloride (Cl)	16.5 - 17.1 %
Loss on Drying	≤ 1.0% (105°C, 1h)
Assay	98.5 - 101.5 %

Specification Version	-	v1.2
Date Created	-	2022-01-04

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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