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Certificate of Analysis

Product Name	L-Arginine hydrochloride, 99%, non-animal origin		
Glentham Code	GM1323	HCI	
CAS Number	1119-34-2	i i ci	
EINECS	214-275-1	NH ₂	
Batch Number	421QJU	$-$ HO, \int_{N}	
Molecular Weight	210.67		
Molecular Formula	$C_6H_{14}N_4O_2 \cdot HCI$		
Storage Temp.	+20°C	0	

Property	Specification	Batch 421QJU
Physical Description	White or almost white crystalline powder or colourless crystals	White crystalline powder
Solubility (5% in water)	Clear, colourless solution	Conforms
pH (5% in water)	4.7 - 6.2	5.6
Specific Optical Rotation ([α]20/D)	+21.0 - +23.5 °	+22.6°
Residue on Ignition	≤ 0.1%	0.04%
Sulphate (SO4)	≤ 0.02%	Conforms
Ammonium (NH4)	≤ 0.02%	Conforms
Loss on Drying	≤ 0.5%	0.1%
Assay	≥ 99.0%	100.1%

Specification Version	v1.0
Manufacture Date	2023-07-11
Re-Test Date	2032-08-23

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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