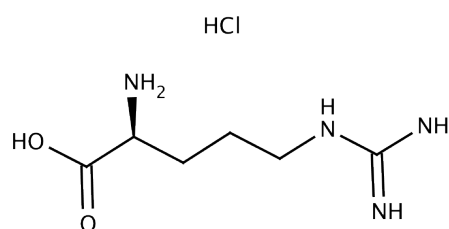


## Product Specification

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<sub>6</sub>H<sub>14</sub>N<sub>4</sub>O<sub>2</sub> · HCl  
Storage Temp. : +20°C



Property	Specification
Physical Description	White or almost white crystalline powder or colourless crystals
Specific Optical Rotation	EP: 21.0 - 23.5 °, AJI: 21.4 - 23.6 °, USP: 22.1 - 22.9 °
Sulphate (SO <sub>4</sub> )	≤ 0.03%
Ammonium (NH <sub>4</sub> )	≤ 0.02%
Iron (Fe)	≤ 10ppm
Heavy Metals	≤ 10ppm
Lead (Pb)	≤ 3ppm
Cadmium (Cd)	≤ 1ppm
Mercury (Hg)	≤ 0.1ppm
Loss on Drying	≤ 0.2%
Residue on Ignition	≤ 0.1%
Colour of Solution	Conforms to EP, AJI
Chloride (Cl)	16.58 - 17.00 %
Arsenic (As <sub>2</sub> O <sub>3</sub> )	≤ 1ppm
pH	4.7 - 6.2
Assay	99.0 - 101.0 %
Pharmacopoeia Specification(s)	Conforms to EP, USP, AJI

Specification Version : v1.0  
Date Created : 2014-05-19

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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