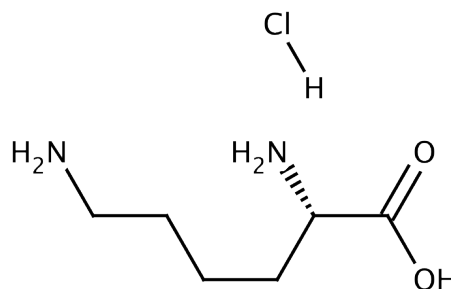


Product Specification

Product Name : L-Lysine monohydrochloride
 Glentham Code : GM7532
 CAS Number : 657-27-2
 EINECS : 211-519-9
 MDL Number : MFCD00064564
 PubChem SID : 310275930

Molecular Weight : 182.65
 Molecular Formula : C₆H₁₄N₂O₂ · HCl
 Storage Temp. : +20°C



Property	Specification
Physical Description	White crystalline powder or colourless crystals
Identification	IR
Solubility (10% in water)	Clear, colourless solution
pH (10% in water)	5.0 - 6.0
Specific Optical Rotation	+20.4 - +21.4 °
Chloride (Cl)	19.0 - 19.6 %
Sulphate	≤ 0.03%
Iron (Fe)	≤ 30ppm
Heavy Metals	≤ 15ppm
Organic Impurities	Any Individual Impurity: ≤ 0.5% Total Impurities: ≤ 2.0%
Residue on Ignition	≤ 0.1%
Cadmium (Cd)	≤ 1ppm
Lead (Pb)	≤ 3ppm
Mercury (Hg)	≤ 0.1ppm
Arsenic (As)	≤ 1ppm
Loss on Drying	≤ 0.4%
Assay	99.0 - 101.0 % (dried basis)
Pharmacopoeia Specification(s)	USP

Specification Version : v1.1
 Date Created : 2016-04-12

Product Specification

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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