

Product Datasheet

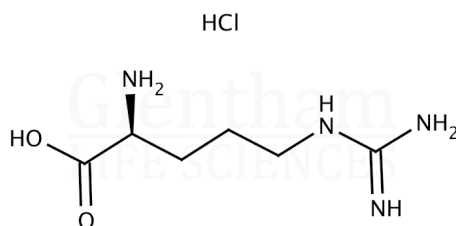
GM1372 - L-Arginine hydrochloride, GlenCell™, suitable for cell culture

Product Details

Product Name	L-Arginine hydrochloride, GlenCell™, suitable for cell culture
Glenthams Code	GM1372
CAS Number	1119-34-2
EINECS	214-275-1
MDL Number	MFCD00064550
Related Categories	Amino Acids, Biochemicals, Reagents for Cell Culture

Structure

Molecular Weight	: 210.67
Molecular Formula	: C ₆ H ₁₄ N ₄ O ₂ · HCl



Physical Description	: White crystalline powder
Identification	: IR
Solubility	: Freely soluble in water, very slightly soluble in alcohol
Solubility (10% in water)	: Clear, colourless solution
Transmittance	: ≥ 98.0%
Specific Optical Rotation	: +21.5 - +23.5 °
Chloride (Cl)	: 16.6 - 17.0 %
Ammonium (NH ₄)	: ≤ 0.02%
Sulphate (SO ₄)	: ≤ 0.02%
Iron (Fe)	: ≤ 10ppm
Heavy Metals (as Pb)	: ≤ 10ppm
Arsenic (As ₂ O ₃)	: ≤ 1ppm
Related Substances	: ≤ 0.4%
Residue on Ignition	: ≤ 0.1%
Loss on Drying	: ≤ 0.2%
pH	: 4.7 - 6.2
Endotoxins	: ≤ 6.0EU/g
Assay	: 99.0 - 101.0 %
Origin	: Non-animal origin
Pharmacopoeia Specification(s)	: EP, USP
Version	: v1.0

About L-Arginine hydrochloride, GlenCell™, suitable for cell culture

No further details on record.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glenthams Product Specification

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