

## Product Datasheet

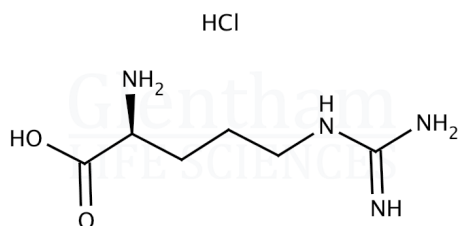
### GM1372 - L-Arginine hydrochloride, GlenCell™, suitable for cell culture

#### 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	: $C_6H_{14}N_4O_2 \cdot HCl$



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	: $\geq 98.0\%$
Specific Optical Rotation	: $+21.5 - +23.5^\circ$
Chloride (Cl)	: 16.6 - 17.0 %
Ammonium (NH <sub>4</sub> )	: $\leq 0.02\%$
Sulphate (SO <sub>4</sub> )	: $\leq 0.02\%$
Iron (Fe)	: $\leq 10\text{ppm}$
Heavy Metals (as Pb)	: $\leq 10\text{ppm}$
Arsenic (As <sub>2</sub> O <sub>3</sub> )	: $\leq 1\text{ppm}$
Related Substances	: $\leq 0.4\%$
Residue on Ignition	: $\leq 0.1\%$
Loss on Drying	: $\leq 0.2\%$
pH	: 4.7 - 6.2
Endotoxins	: $\leq 6.0\text{EU/g}$
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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