

Glentham Life Sciences Ltd Unit 5 Leafield Way Corsham SN13 9SW United Kingdom

t: +44 (0) 1225 667 798 f: +44 (0) 2033 978 909 e: info@glentham.com w: www.glentham.com

# **Product Datasheet**

GM1323 - L-Arginine hydrochloride, 99%, non-animal origin

### **Product Details**

Product Name L-Arginine hydrochloride, 99%,

non-animal órigin

Glentham Code GM1323 CAS Number 1119-34-2 EINECS 214-275-1

#### **Structure**

Molecular Weight : 210.67

 $\mbox{Molecular Formula} \quad : \quad \mbox{C}_6\mbox{H}_{14}\mbox{N}_4\mbox{O}_2 \cdot \mbox{HCI}$ 

HCI

$$HO \underbrace{ \begin{array}{c} NH_2 \\ NH \end{array}}_{O} \underbrace{ \begin{array}{c} H \\ NH \end{array}}_{NH} \underbrace{ \begin{array}{c} NH \\ NH \end{array}}_{NH}$$

# **Storage**

Recommended storage temperature: +20°C.

### **Hazards and Transport**

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

## **Glentham Product Specification**

Physical : White or almost white crystalline Description powder or colourless crystals

Solubility (5% in : Clear, colourless solution

water)

pH (5% in water) : 4.7 - 6.2

Specific Optical : +21.0 - +23.5 °

Rotation ([α]20/D)

Residue on : ≤ 0.1%

Ignition

Sulphate (SO4) :  $\leq 0.02\%$ 

Ammonium

: ≤ 0.02%

(NH4)

Loss on Drying :  $\leq 0.5\%$ Assay :  $\geq 99.0\%$ Version : v1.0

# About L-Arginine hydrochloride, 99%, non-animal origin

No further details on record.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025

Page 1 of 1 Printed: 2025-05-03 00:15:23