

# Specification

**Formula Hill:**  $C_6H_{14}N_4O_2 \cdot HCl$   
**Molar Mass:** 210,66 g/mol  
**CAS N°:** 1119-34-2

**101250 L-Arginine monohydrochloride, AJI**

	Specification
Assay	99,0 - 101,0 %
Identity	conforms
Appearance	white crystals or crystalline powder
Appearance of solution	clear and colourless
pH value	4,7 - 6,2
Specific rotation	22,1 - 22,9 °
Chloride (Cl)	16,58 - 17,00 %
Sulfate (SO <sub>4</sub> )	< 0.02%
NH <sub>4</sub> (Ammonium)	≤ 0.020%
Other amino acids	conforms
Heavy metals (as Pb)	≤ 10 ppm
As (Arsenic)	≤ 2 ppm
Fe (Iron)	≤ 10 ppm
Loss on drying	≤ 0,20 %
Residue after ignition	≤ 0,10 %

This data sheet is representative of the current specifications for this product at the time of printing.  
 Product specifications are subject to amendment and may change over time. Please check the certificate of analysis for information on specific lots..