

Specification

Technical Data Sheet

CAS 1119-34-2	STORAGE Ambient	MOLECULAR WEIGHT 210.66
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PRODUCT**L-Arginine hydrochloride (TF)**

Product number	90030862
CAS number	1119-34-2
Molecular formula	C ₆ H ₁₄ N ₄ O ₂ ·HCl
Molecular weight	210.66 g/mol

PARAMETER	SPECIFICATION
Appearance	White Crystalline Powder
Assay	98.5 - 101.5%
Grade	Conforms to USP 42
Heavy metals	≤0.001%
Loss on Drying	≤0.20%
pH	4.7 - 6.2
Specific rotation	+22.40 to +22.90
Chloride (Cl-)	16.58 - 17%
Iron (Fe)	≤0.001%
Residue on Ignition	≤0.10%
State of Solution	≥98.0%
Arsenic (As)	≤0.0001%
Sulphates (SO₄)(2-)	≤0.03%

**SPECIFICATION
STATEMENT**

The values stated above represent the standard specification for this product, issued under **Molekula Ltd**'s quality management system. Batch-specific results are provided on the Certificate of Analysis.

STORAGE

Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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