

Specification

Technical Data Sheet

CAS 3184-13-2	STORAGE Ambient	MOLECULAR WEIGHT 168.62
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PRODUCT**L-Ornithine monohydrochloride FG**

Product number	90034169
CAS number	3184-13-2
Molecular formula	C ₅ H ₁₂ N ₂ O ₂ · HCl
Molecular weight	168.62 g/mol

PARAMETER	SPECIFICATION
Appearance	White crystalline powder
Assay	99.0 - 101.%
Loss on Drying	≤ 0.20%
pH	5.0 - 6.0
Specific rotation	+23.0° to +25.0°
Ammonia (NH₃)	≤ 0.02%
Heavy Metals (Pb)	≤10ppm
Iron (Fe)	≤10ppm
Residue on Ignition	≤ 0.10%
Arsenic trioxide (As₂O₃)	≤ 1ppm
Sulphates (SO₄)(2-)	≤ 0.02%

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.

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