

Specification

Technical Data Sheet

CAS**73-32-5****STORAGE****Ambient****MOLECULAR WEIGHT****131.17****PRODUCT****L-Isoleucine (TF)**

Product number	90030872
CAS number	73-32-5
Molecular formula	C ₆ H ₁₃ NO ₂
Molecular weight	131.17 g/mol

PARAMETER**SPECIFICATION**

Appearance	White Crystalline Powder
Assay	98.5 - 101.5%
Grade	Conforms to USP 42
Heavy metals	<15ppm
Identification	Conforms to reference
Loss on Drying	<0.3%
pH	5.5 -7
Specific rotation	+38.9 to +41.8
Chloride (Cl-)	<0.05%
Iron (Fe)	<30ppm
Residue on Ignition	<0.3%
Arsenic (As)	<1.5ppm
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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