

Specification

Technical Data Sheet

CAS 60-18-4	STORAGE Ambient	MOLECULAR WEIGHT 181.19
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PRODUCT**L-Tyrosine (plant origin)**

Product number	90025411
CAS number	60-18-4
Molecular formula	C ₉ H ₁₁ NO ₃
Molecular weight	181.19 g/mol

PARAMETER	SPECIFICATION
Appearance	White crystals or crystalline powder
Assay	98.5~101.5%
Conclusion	Conforms to USP39
Loss on Drying	≤0.3%
Chloride (Cl-)	≤0.04%
Heavy Metals (Pb)	≤15ppm
Iron (Fe)	<30ppm
Residue on Ignition	≤0.4%
Specific optical rotation	-9.8° ~ -11.2°
Total Impurities	<2.0%
Any individual impurity	<0.5%
Mercury (Hg)	≤0.1ppm
Sulphates (SO₄)(2-)	≤0.04%

**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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