

Specification

Technical Data Sheet

CAS**56-84-8****STORAGE****2 to 8 °C****MOLECULAR WEIGHT****133.10****PRODUCT****L-Aspartic acid (Bk)**

Product number	90037061
CAS number	56-84-8
Molecular formula	HO ₂ CCH ₂ CH(NH ₂)CO ₂ H
Molecular weight	133.10 g/mol

PARAMETER**SPECIFICATION**

Appearance	White crystalline powder
Assay	98.5 - 101.5%
Loss on Drying	≤ 0.5%
Chloride (Cl-)	≤ 0.02%
Heavy Metals (Pb)	≤ 10ppm
Iron (Fe)	≤ 10ppm
Residue on Ignition	≤ 0.1%
Specific optical rotation	+24.5° to +26.0°
Identification (IR)	Conforms to reference
Related Substance	≤ 0.5%
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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