

Specification

Technical Data Sheet

CAS**56-12-2****STORAGE****Ambient****MOLECULAR WEIGHT****103.12****PRODUCT****4-Aminobutyric acid (GABA)**

Product number	90035324
CAS number	56-12-2
Molecular formula	C ₄ H ₉ NO ₂
Molecular weight	103.12 g/mol

PARAMETER**SPECIFICATION**

Appearance	White crystalline powder
Assay	≥99.0%
Heavy metals	≤0.001%
Loss on Drying	≤0.5%
Melting Point	197 - 204 °C
pH	6.5 - 7.5
Salmonella	<0.0
Total plate count	≤1000Cfu/g
Ca ²⁺	No opalescence
Cadmium (Cd)	≤0.0001%
Chloride (Cl ⁻)	≤0.004%
Clarity in Solution	Clear
Residue on Ignition	≤0.7%
Arsenic (As)	≤0.0001%
E. Coli	<0.0
Lead (Pb)	≤0.0003%

PARAMETER	SPECIFICATION
Mercury (Hg)	≤0.00001%
Mould & Yeast	≤100Cfu/g
Sulphates (SO ₄)(2-)	≤0.005%

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.

Reg No 6879903 VAT GB 744 9721 05