

Specification

Technical Data Sheet

CAS**56-40-6****STORAGE****Ambient****MOLECULAR WEIGHT****75.06****PRODUCT****Glycine Food Grade**

Product number	90035542
CAS number	56-40-6
Molecular formula	NH ₂ CH ₂ COOH
Molecular weight	75.06 g/mol

PARAMETER**SPECIFICATION**

Appearance	White powder with characteristic odor
Assay (on dried basis- by potentiometric titration)	98.5 - 101.5%
Chloride (Cl-)	≤75ppm
Heavy Metals (Pb)	≤ 10ppm
HPTLC (ninhydrine)	Conforms to structure and standard
IR spectrum	Conforms to stucture
Iron (Fe)	≤5ppm
Origin	Non animal
pH (5% solution)	5.9-6.4
Sulphated Ash	≤0.1%
Ammonium (NH₄)	≤200ppm
Appearance of Solution (10% aq. solution)	Clear and colourless solution at 25°C and after boiling (1min) and 2 hour rest.
Arsenic (As)	≤5ppm
Loss on Drying (2hours @105(C)	≤0.5%
Sulphates (SO₄)(2-)	≤65ppm

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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