

Product Specification Sheet



Product Code: BIO-2080
Identifier: Glycine
Grade: Biotechnology Grade
Appearance: White crystalline powder
Molecular Formula: $C_2H_5NO_2$
Molecular Weight: 75.07 g/mol
Description: This material is from a synthetic source.
Storage Condition: Store between 20°C - 25°C. Protect from moisture.
Additional Info: Not Applicable

Assay:	Specification:
Assay	98.5 – 101.0 %
Identification	PASS
Appearance	White crystals or crystalline powder
State of solution	Clear and colorless
Transmittance	≥ 98.0 %
pH	5.9 – 6.4
Chloride	≤ 0.007 %
Sulfate	≤ 0.006 %
Ammonium	≤ 0.02 %
Heavy Metals	≤ 10 ppm
Iron	≤ 10 ppm
Arsenic	≤ 1 ppm
Loss on Drying	≤ 0.20 %
Residue on Ignition	≤ 0.10 %
Pyrogen	Non-pyrogenic

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