

# Product Specification Sheet



**Product Code:** BIO-2085  
**Identifier:** Glycine  
**Grade:** Ultra Pure 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
Other amino acids	PASS
Loss on Drying	≤ 0.20 %
Residue on Ignition	≤ 0.10 %
Pyrogen	Non-pyrogenic

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