

# Product Specification Sheet



**Product Code** : BIO-2080  
**Identifier** : Glycine  
**Grade** : Biotechnology  
**Appearance** : White crystalline powder  
**Molecular Formula** : C<sub>2</sub>H<sub>5</sub>NO<sub>2</sub>  
**Molecular Weight** : 75.07 g/mol  
**Product Description** : This material is from a synthetic source.  
**Storage Condition** : Store at room temperature. Protect from moisture.

## Assay:

Assay  
Identification  
Appearance  
State of solution  
Transmittance  
pH  
Chloride  
Sulfate  
Ammonium  
Heavy Metals  
Iron  
Arsenic  
Other amino acids  
Loss on Drying  
Residue on Ignition  
Pyrogen  
DNase/ RNase activity

## Specification:

98.5 – 101.5 %  
PASS  
White crystalline powder  
Clear and colorless  
≥ 98.0 %  
5.9 – 6.4  
≤ 0.007 %  
≤ 0.006 %  
≤ 0.02 %  
≤ 10 ppm  
≤ 10 ppm  
≤ 1 ppm  
PASS  
≤ 0.20 %  
≤ 0.10 %  
Non-pyrogenic  
None Detected

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