

Product Specification Sheet



Product Code: BIO-2085
Identifier: Glycine
Grade: Ultra Pure Grade
Appearance: White crystalline powder
Molecular Formula: C₂H₅NO₂
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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