

Certificate of Analysis

Date of Testing: 2022-09-20 10:14:25
Date of Next Testing: 2026-09-19 10:14:25
Product Name: **Glycine**
CAS Number: 56-40-6
Specifications & Purity: for electrophoresis, ≥99%
Lot #: I2214115
SKU #: **A110752**
Analysis: **112176**

| Parameter | Limit Values | Result |
|---|---------------------------------------|---------------------------------------|
| Heavy metal (as Pb) | 0-20 (ppm) | 0.21 ppm |
| Insoluble matter | 0-0.01 (%) | 0.00 % |
| Chloride (Cl-) | 0-70 (ppm) | 63.20 ppm |
| UV Absorbance 280(1 M) | 0-0.15 | 0.02 |
| Purity(HPLC) | 99-100 (%) | 99.29400 % |
| Appearance (A110752) | White to off-white powder or crystals | White to Off-White Powder or Crystals |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Solubility, Colorless to Faint Yellow, Clear, 200 mg/ml, H ₂ O | pass | Pass |
| For use in electrode buffers for page | complies | complies |
| In transfer buffers for western blots | complies | complies |



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QA & QC Manager