

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-14 09:40:07
 Date of Next Testing: 2027-02-13 09:40:07
 Product Name: **Glycine**
 CAS Number: 56-40-6
 Specifications & Purity: for electrophoresis, ≥99%
 Lot #: B2308204
 SKU #: **A110752**
Analysis: 173633

| Parameter | Limit Values | Result |
|---|---------------------------------------|---------------------------------------|
| Heavy metal (as Pb) | 0-20 (ppm) | 0.00 ppm |
| Insoluble matter | 0-0.01 (%) | 0.00 % |
| Chloride (Cl ⁻) | 0-70 (ppm) | 3.62 ppm |
| UV Absorbance 280(1 M) | 0-0.15 | 0.00 |
| Purity(HPLC) | 99-100 (%) | 99.81500 % |
| Appearance (A110752) | White to off-white powder or crystals | White to Off-White Powder or Crystals |
| 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 |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager