

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-06 16:08:02
 Date of Next Testing: 2027-06-05 16:08:02
 Product Name: **2-Mercaptoethanol**
 CAS Number: 60-24-2
 Specifications & Purity: for molecular biology, for electrophoresis, suitable for cell culture,99%
 Lot #: E23301140
 SKU #: **M301574**
Analysis: **236485**
 Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Zinc(Zn) | 0-1 (ppm) | 0.00 ppm |
| Copper(Cu) | 0-1 (ppm) | 0.00 ppm |
| Purity(GC) | 99-100 (%) | 99.69% |
| Iron(Fe) | 0-1 (ppm) | 0.00 ppm |
| Lead(Pb) | 0-5 (ppm) | 0.00 ppm |
| Appearance (M301574) | Colorless liquid | Colorless liquid |
| Cell Culture Test | pass | Pass |
| DNase, Exonuclease Detection | None Detected | none detected |
| Electrophoresis test | pass | Pass |
| proteases | none detected | none detected |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| RNAse Detection | None Detected | none detected |
| Solubility,Colorless Clear , 1 mg/ml, H2O | pass | Pass |



John Su
 QA & QC Manager