

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-04 15:54:23

Date of Next Testing: 2028-06-03 15:54:23

Product Name: **2-Mercaptoethanol**

CAS Number: 60-24-2

Specifications & Purity: for molecular biology, for electrophoresis, suitable for cell culture,99%

Lot #: E2428120

SKU #: **M301574**

Version: **0**

Analysis #: **261298**

Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Zinc(Zn) | 0-1 (ppm) | 0.14 ppm |
| Copper(Cu) | 0-1 (ppm) | 0.04 ppm |
| Purity(GC) | 99-100 (%) | 99.50 % |
| Iron(Fe) | 0-1 (ppm) | 0.00 ppm |
| Lead(Pb) | 0-5 (ppm) | 0.32 ppm |
| Appearance (M301574) | Colorless liquid | Colorless liquid |
| Cell Culture Test | pass | Pass |
| DNase, Exonuclease Detection | None Detected | none detected |
| 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 |
| Electrophoresis test | pass | Pass |



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QA & QC Manager