

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-23 16:12:55

Date of Next Testing: 2029-04-22 16:12:55

Product Name: **2-Mercaptoethanol**

CAS Number: 60-24-2

Specifications & Purity: for cell culture, suitable for electrophoresis, Suitable for molecular biology,  $\geq 99\%$

Lot #: D2521463

SKU #: **M301574**

Version: **0**

**Analysis #:** **502867**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Zinc(Zn)	0-1 (ppm)	0.00000 ppm
Copper(Cu)	0-1 (ppm)	0.00000 ppm
Purity(GC)	99-100 (%)	99.68000 %
Iron(Fe)	0-1 (ppm)	0.00000 ppm
Lead(Pb)	0-5 (ppm)	0.00000 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, H <sub>2</sub> O	pass	Pass



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager