

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-09 10:21:58
Date of Next Testing: 2028-12-08 10:21:58
Product Name: **2-Mercaptoethanol**
CAS Number: 60-24-2
Specifications & Purity: for electrophoresis, for molecular biology, for cell culture, $\geq 99\%$
Lot #: K2429691
SKU #: **M301574**
Version: **0**
Analysis #: **445651**
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 (%)	99.07 %
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, H ₂ O	pass	Pass



John Su
QA & QC Manager