

Certificate of Analysis

Date of Testing: 2022-10-09 11:51:41

Date of Next Testing: 2026-10-08 11:51:41

Product Name: **2-Mercaptoethanol**

CAS Number: 60-24-2

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

Lot #: I2223188

SKU #: **M301574**

Analysis: **141860**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Zinc(Zn)	0-1 (ppm)	0.82 ppm
Copper(Cu)	0-1 (ppm)	0.23 ppm
Purity(GC)	99-100 (%)	99.81%
Iron(Fe)	0-1 (ppm)	0.53 ppm
Lead(Pb)	0-5 (ppm)	2.55 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