



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

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Certificate of Analysis

Product

**20490 - 2-Mercaptoethanol for cell culture, 99%,
Endotoxin (BET) 0.05EU/ml - [60-24-2]**

Batch No

8325697

Analysis Date

22-Oct-2024

Date of Manufacture

October 2024

Expiry Date/Re-Test Date

October 2029

Molecular Formula

C2H6OS

Molecular Weight

78.13

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Assay (GC)	min. 99%	99.94%
Density (g/ml) @ 20°C	1.114-1.116	1.114
Refractive Index (20°C)	1.500-1.501	1.500
Iron (Fe)	max. 0.00005%	Passes
Heavy Metals (Pb)	max. 0.0001%	Passes
Absorbance (A) of 0.5M aq. solution in a 1cm cell v/s H2O		.
@260nm	max. 1.5	0.9141
@280nm	max. 0.3	0.0390
DNase, RNase, Protease	Not detected	Not detected
Suitability for Cell Culture	Passes	Passes
Bacterial Endotoxin Test (BET) (EU/ml = IU/ml)	<0.05 EU/ml	Passes

FRM/82/11/2/20490 Rev No. 1 Date 27/03/2022

Prepared by Ashish

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

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