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Certificate of Analysis

Product **83759 - 2-Mercaptoethanol for molecular biology, 99% - [60-24-2]**
Batch No **5123653**
Analysis Date 06-Jun-2024
Date of Manufacture June 2024
Expiry Date/Re-Test Date June 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%	99.91%
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	0.8646
@280nm	max. 0.3	0.0379
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/2/83759 Rev No. 1 Date 01/11/2015

Prepared by **Rganesh**

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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