



**SISCO
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PVT. LTD.**

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Certificate of Analysis

Product **59788 - Acetic Acid Glacial for molecular biology, 99.9%
- [64-19-7]**

Batch No **4848294**

Analysis Date 22-Aug-2024

Date of Manufacture August 2024

Expiry Date/Re-Test Date August 2029

Molecular Formula C2H4O2

Molecular Weight 60.05

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max.10	Passes
Assay (GC)	min. 99.9%	99.92%
Density (g/ml) @ 20°C	1.048-1.049	1.048
Refractive Index (20°C)	1.371-1.373	1.371
Freezing Point	~16°C	16°C
Boiling Point	118°C	118°C
Non Volatile Matter	max. 0.001%	0.0005%
Chloride (Cl)	max. 0.0001%	Passes
Sulphate (SO4)	max. 0.0001%	Passes
Iron (Fe)	max. 0.00002%	Passes
Heavy Metals (Pb)	max.0.000002%	Passes
Acetic anhydride (C4H6O3)	max. 0.2%	Passes
Formate (HCOO)	max 0.01%	Passes
Water (KF)	max 0.2%	0.2%
Absorbance of sample in 1cm cell v/s H2O		.
@260nm	max. 0.155	0.0586
@280nm	max. 0.046	0.0045
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/2/59788 Rev No. 3 Date 20/08/2022

Prepared by Akshay

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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