



**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 **4956548**

Analysis Date 17-Jan-2024

Date of Manufacture January 2024

Expiry Date/Re-Test Date January 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%	99.99%
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 (SO ₄)	max. 0.0001%	Passes
Iron (Fe)	max. 0.00002%	Passes
Heavy Metals (Pb)	max.0.000002%	Passes
Acetic anhydride (C ₄ H ₆ O ₃)	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 H ₂ O		.
@260nm	max. 0.155	0.0670
@280nm	max. 0.046	0.0040
DNase, RNase, Protease	Not detected	Not detected

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

Prepared by **Rganesh**

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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