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# Certificate of Analysis

<b>Product</b>	<b>85801 - Acetic Acid Glacial ACS, 99.9% - [64-19-7]</b>
<b>Batch No</b>	<b>2956967</b>
<b>Analysis Date</b>	01-Jul-2024
<b>Date of Manufacture</b>	July 2024
<b>Expiry Date/Re-Test Date</b>	July 2029
<b>Molecular Formula</b>	C2H4O2
<b>Molecular Weight</b>	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%	99.91%
Density (g/ml) @ 20°C	1.048 - 1.049	1.048
Freezing Point	~16°C	16°C
Boiling Point	118°C	118°C
Dilution test	Passes test	Passes
Non Volatile Matter	max. 0.001%	0.001%
Chloride (Cl)	max. 0.0001%	Passes
Sulphate (SO4)	max. 0.0001%	Passes
Iron (Fe)	max. 0.00002%	Passes
Heavy Metals (Pb)	max. 0.00005%	Passes
Substances reducing Dichromate (O)	Passes test	Passes
Substances reducing Permanganate (O)	Passes test	Passes
Titration base	max. 0.0004 meq/g	0.0002 meq/g
Water (KF)	max. 0.2%	0.08%

FRM/82/11/2/85801 Rev No. 3 Date 06/04/2024

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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