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## Certificate of Analysis

<b>Product</b>	<b>62986 - Isopropanol (IPA) ACS, 99.5% - [67-63-0]</b>
<b>Batch No</b>	<b>8710612</b>
<b>Analysis Date</b>	26-Nov-2023
<b>Date of Manufacture</b>	November 2023
<b>Expiry Date/Re-Test Date</b>	November 2028
<b>Molecular Formula</b>	C3H8O
<b>Molecular Weight</b>	60.10

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. 99.5%	99.97%
Density (g/ml) @ 20°C	0.784-0.786	0.784
Refractive Index (20°C)	1.377-1.378	1.377
Boiling Range	81-83°C	81-83°C
Non Volatile Matter	max. 0.001%	0.0003%
Acidity (C3H6O2)	max. 0.001%	0.001%
Substances reducing Permanganate (O)	max. 0.0005%	Passes
Iron (Fe)	max. 0.0001%	Passes
Aldehyde & Ketones (C3H6O)	max. 0.005%	Passes
Heavy Metals (Pb)	max. 0.0001%	Passes
Ethanol (GC)	max. 0.01%	Passes
Methanol (GC)	max. 0.01%	Passes
Water (KF)	max. 0.1%	0.08%

FRM/82/11/2/62986 Rev No. 2 Date 31/10/2022

Prepared by Sanket

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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