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Certificate of Analysis

Product	62986 - Isopropanol (IPA) ACS, 99.5% - [67-63-0]
Batch No	1476308
Analysis Date	11-May-2024
Date of Manufacture	May 2024
Expiry Date/Re-Test Date	May 2029
Molecular Formula	C3H8O
Molecular Weight	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%	99.95%
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%	0.0005%
Acidity (C3H6O2)	max. 0.001%	0.0008%
Alkalinity (NaOH)	max. 0.0005%	Not detected
Aldehyde & Ketones (C3H6O)	max. 0.002%	Passes
Water (KF)	max. 0.2%	0.05%
Solubility with water	Passes test	Passes
Absorbance of sample in 1cm cell v/s H2O		.
@210nm	max. 1	0.4150
@220nm	max. 0.4	0.1990
@230nm	max. 0.2	0.1005
@245nm	max. 0.08	0.0350
@260nm	max. 0.04	0.0140
@275nm	max. 0.03	0.0070
@300nm	max. 0.02	0.0060
@330-400nm	max. 0.01	0.0036

FRM/82/11/2/62986 Rev No. 3 Date 06/12/2023

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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