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# Certificate of Analysis

**Product** **38445 - Isopropanol (IPA) for molecular biology, 99.8% - [67-63-0]**  
**Batch No** **6912574**  
**Analysis Date** 05-Jun-2024  
**Date of Manufacture** June 2024  
**Expiry Date/Re-Test Date** June 2029  
**Molecular Formula** C<sub>3</sub>H<sub>8</sub>O  
**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. 99.8%	99.92%
Density (g/ml) @ 20°C	0.784-0.786	0.785
Refractive Index (20°C)	1.377-1.378	1.377
Boiling Range	81-83°C	81-83°C
Non Volatile Matter	max. 0.0005%	0.0002%
Acidity (C <sub>3</sub> H <sub>6</sub> O <sub>2</sub> )	max. 0.0005%	0.0004%
Water (KF)	max. 0.05%	0.04%
%T (Transmission) in a 1cm cell v/s H <sub>2</sub> O		.
@205nm	≥10	10
@210nm	≥40	40
@220nm	≥65	67
@230nm	≥80	83
@240nm	≥90	93
@250 nm	≥95	98
@260nm	≥98	100
@270-400nm	≥99	100

FRM/82/11/2/38445 Rev No. 1 Date 01/11/2015

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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