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Certificate of Analysis

Product	44036 - Isopropanol (IPA) for HPLC & UV Spectroscopy, 99.8% - [67-63-0]
Batch No	3553481
Analysis Date	22-Aug-2023
Date of Manufacture	August 2023
Expiry Date/Re-Test Date	August 2028
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. 99.8%	99.96%
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. 0.0005%	0.0001%
Acidity (C3H6O2)	max. 0.0005%	0.0004%
Water (KF)	max. 0.05%	0.05%
%T (Transmission) in a 1cm cell v/s H2O		.
@205nm	≥10	14
@210nm	≥40	43
@220nm	≥65	69
@230nm	≥80	82
@240nm	≥90	92
@250 nm	≥95	97
@260nm	≥98	99
@270-400nm	≥99	100

FRM/82/11/2/44036 Rev No. 1 Date 01/11/2015

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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