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Certificate of Analysis

Product 11768 - Isopropanol (IPA) ACS, ExiPlus,
Multi-Compendial, 99.5% - [67-63-0]
Batch No 8341462
Analysis Date 18-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
ExiPlus	meets compendial specs of USP,BP,Ph.Eur	Complies
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max. 10	Passes
Solubility with water	Passes	Passes
Miscibility	In alcohol,ether,chloroform	Passes
Assay (GC)	min. 99.5%	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. 0.001%	0.0002%
Acidity (C3H6O2)	max. 0.001%	0.0004%
Aldehyde & Ketones (C3H6O)	max. 0.002%	Passes
Peroxides	Passes	Passes
Benzene (GC)	max. 0.5%	Passes
Total Impurities (GC)	max. 0.3%	Passes
Water (KF)	max. 0.2%	0.04%
Absorbance of sample in 1cm cell v/s H2O		.
@210nm	max. 1.0	0.5070
@220nm	max. 0.40	0.1995
@230nm	max. 0.20	0.0913
@245nm	max. 0.08	0.0199
@250nm	max. 0.06	0.0194
@260nm	max. 0.04	0.0081

FRM/82/11/2/11768 Rev No. 3 Date 11/01/2024

Prepared by Rganesh

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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Molecular Formula	C3H8O
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Test Parameters	Standards	Actual Results
@275nm	max. 0.03	0.0060
@290nm	max. 0.02	0.0045
@300nm	max. 0.02	0.0025
@310nm	max. 0.01	0.0018
@330-400nm	max. 0.01	0.0010

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