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Certificate of Analysis

Product **99336 - Sec-Butyl Alcohol extrapure AR, ExiPlus, Multi-Compendial, 99.5% - [78-92-2]**

Batch No **1271049**

Analysis Date 31-Dec-2023

Date of Manufacture December 2023

Expiry Date/Re-Test Date December 2028

Molecular Formula C₄H₁₀O

Molecular Weight 74.12

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of BP, Ph.Eur	Complies
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max. 10	Passes
Solubility	1:1 in Ethanol is clear, colourless	Clear, Colourless
Assay (GC)	min 99.5%	99.93%
Density (g/ml) @ 20°C	0.806-0.808	0.806
Refractive Index (20°C)	1.397-1.398	1.397
Boiling Range	98-100°C	98-100°C
Non Volatile Matter	max. 0.001%	0.0001%
Acidity (CH ₃ COOH)	max. 0.003%	0.0006%
Aldehyde & Ketones (C ₃ H ₇ CHO)	max. 0.2%	Passes
tert-Butyl Alcohol (GC)	max. 0.1%	Passes
Isopropanol (GC)	max. 0.2%	Passes
Water (KF)	max .0.1%	0.07%

FRM/82/11/2/99336 Rev No. 2 Date 28/12/2023

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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