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Certificate of Analysis

Product **83416 - Ethyl Ether extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.5% - [60-29-7]**

Batch No **2351607**

Analysis Date 13-May-2024

Date of Manufacture May 2024

Expiry Date/Re-Test Date May 2029

Molecular Formula C4H10O

Molecular Weight 74.12

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of BP	Compiles
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max. 10	Passes
Solubility with water	7% aq.solution at 20°C is clear,colourless	Clear,colourless
Assay (GC)	min. 99.5%	99.73%
Density (g/ml) @ 20°C	0.713-0.715	0.713
Refractive Index (20°C)	1.351-1.353	1.351
Boiling Range	34-35°C	34-35°C
Non Volatile Matter	max. 0.001%	0.0004%
Acidity (CH3COOH)	max. 0.001%	0.0007%
Substance Discoloured by H2SO4	Passes test	Passes
Aldehydes & Ketones (CH3CHO)	max. 0.001%	Passes
Ether peroxides (C4H10O2)	max. 0.000015%	Passes
Water (KF)	max. 0.1%	0.07%
Stabilizer (Butylated hydroxy toluene (BHT))	5 - 10ppm	Present

FRM/82/11/2/83416 Rev No. 4 Date 07/07/2022

Prepared by **Sujit**

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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