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Certificate of Analysis

Product **62952 - Ethyl Acetate extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.5% - [141-78-6]**

Batch No **5038300**

Analysis Date 01-Nov-2023

Date of Manufacture November 2023

Expiry Date/Re-Test Date November 2028

Molecular Formula C₄H₈O₂

Molecular Weight 88.11

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
Miscibility in Ethanol (96%)	Clear, colourless	Clear, colourless
Solubility with water	7.9% solubility with water (20°C) is clear, colourless	Clear, colourless
Assay (GC)	min. 99.5%	99.93%
Density (g/ml) @ 20°C	0.899 - 0.901	0.899
Refractive Index (20°C)	1.371 - 1.372	1.371
Boiling Range	76- 77°C	76- 77°C
Non Volatile Matter	max. 0.001%	0.0002%
Acidity (CH ₃ COOH)	max. 0.005%	0.0006%
Substance Discoloured by H ₂ SO ₄	Passes test	Passes
Iron (Fe)	max. 0.00001%	Passes
Heavy Metals (Pb)	max. 0.00001%	Passes
Water (KF)	max. 0.05%	0.01%

FRM/82/11/2/62952 Rev No. 2 Date 04/10/2017

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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