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Certificate of Analysis

Product	88797 - 1,4-Dioxane extrapure AR, 99.5% - [123-91-1]
Batch No	9615604
Analysis Date	28-May-2024
Date of Manufacture	May 2024
Expiry Date/Re-Test Date	May 2029
Molecular Formula	C4H8O2
Molecular Weight	88.11

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. 99.5%	99.93%
Density (g/ml) @ 20°C	1.032-1.034	1.032
Refractive Index (20°C)	1.421-1.423	1.421
Boiling Range	100-102°C	100-102°C
Freezing Point	min. 11°C	11°C
Non Volatile Matter	max. 0.001%	0.0005%
Acidity (CH3COOH)	max. 0.01%	0.0005%
Iron (Fe)	max. 0.00005%	Passes
Heavy Metals (Pb)	max. 0.0001%	Passes
Miscibility with water	Passes test	Passes
Copper (Cu)	max. 0.00001%	Passes
Acetal (C6H14O2)	max. 0.3%	Passes
Peroxide (H2O2)	max. 0.005%	0.0008%
Water (KF)	max. 0.05%	0.004%
Stabilizer	2,6 Di-tertbutyl-p-cresol (2.5ppm)	Present

FRM/82/11/2/88797 Rev No. 1 Date 01/11/2015

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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