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## Certificate of Analysis

<b>Product</b>	<b>88797 - 1,4-Dioxane extrapure AR, 99.5% - [123-91-1]</b>
<b>Batch No</b>	<b>5292164</b>
<b>Analysis Date</b>	25-Dec-2023
<b>Date of Manufacture</b>	December 2023
<b>Expiry Date/Re-Test Date</b>	December 2028
<b>Molecular Formula</b>	C4H8O2
<b>Molecular Weight</b>	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%	99.81%
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%	Passes
Water (KF)	max. 0.05%	0.02%
Stabilizer	2,6 Di-tertbutyl-p-cresol (2.5ppm)	Present

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

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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1/1

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