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# Certificate of Analysis

<b>Product</b>	<b>62231 - o-Xylene extrapure AR, 99% - [95-47-6]</b>
<b>Batch No</b>	<b>3387852</b>
<b>Analysis Date</b>	30-Dec-2023
<b>Date of Manufacture</b>	December 2023
<b>Expiry Date/Re-Test Date</b>	December 2028
<b>Molecular Formula</b>	C8H10
<b>Molecular Weight</b>	106.17

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%	99.22%
Density (g/ml) @ 20°C	0.878-0.880	0.878
Refractive Index (20°C)	1.504-1.505	1.504
m-Xylene, p-Xylene and Toluene (GC)	max. 1%	m-Xylene: 0.001%, p-Xylene: 0.609% and Toluene:0.004%.
Water (KF)	max. 0.05%	0.02%
Boiling Range	143-145°C	143-145°C
Non Volatile Matter	max. 0.002%	0.0005%
Iron (Fe)	max. 0.0001%	Passes
Heavy Metals (Pb)	max. 0.0001%	Passes
Copper (Cu)	max. 0.00005%	Passes
Sodium (Na)	max. 0.0001%	Passes
Potassium (K)	max. 0.0001%	Passes
Aluminium (Al)	max. 0.00005%	Passes
Calcium (Ca)	max. 0.00005%	Passes
Magnesium (Mg)	max. 0.0001%	Passes
Manganese (Mn)	max. 0.00001%	Passes
Zinc (Zn)	max. 0.0001%	Passes
Cadmium (Cd)	max. 0.00001%	Passes

FRM/82/11/2/62231 Rev No. 1 Date 28/07/2022

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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