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Certificate of Analysis

Product	76333 - 1,1,2,2-Tetrachloroethane extrapure AR, 99% - [79-34-5]
Batch No	6552745
Analysis Date	13-Nov-2023
Date of Manufacture	November 2023
Expiry Date/Re-Test Date	November 2028
Molecular Formula	C ₂ H ₂ Cl ₄
Molecular Weight	167.85

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max. 20	Passes
Assay (GC)	min. 99%	99.65%
Density (g/ml) @ 20°C	1.596-1.597	1.596
Refractive Index (20°C)	1.493-1.494	1.493
Boiling Range	144-146°C	144-146°C
Non Volatile Matter	max. 0.005%	0.0005%
Acidity (HCl)	max. 0.002%	0.0009%
Substance Discoloured by H ₂ SO ₄	Passes test	Passes
Chloride (Cl)	max. 0.0002%	Passes
Iron (Fe)	max. 0.00005%	Passes
Heavy Metals (Pb)	max. 0.0001%	Passes
Free Chlorine (Cl)	max. 0.0005%	Passes
Water (KF)	max. 0.05%	0.03%

FRM/82/11/2/76333 Rev No. 1 Date 01/11/2015

Prepared by **Sujit**

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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