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# Certificate of Analysis

**Product** **76338 - Trichloroethylene electronic grade, 99.5% - [79-01-6]**  
**Batch No** **1247191**  
**Analysis Date** 21-Dec-2023  
**Date of Manufacture** December 2023  
**Expiry Date/Re-Test Date** December 2028  
**Molecular Formula** C<sub>2</sub>HCl<sub>3</sub>  
**Molecular Weight** 131.39

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%	99.54%
Density (g/ml) @ 20°C	1.462-1.464	1.462
Refractive Index (20°C)	1.477-1.478	1.478
Boiling Range	86-87°C	86-87°C
Non Volatile Matter	max. 0.0005%	0.0001%
Acidity (HCl)	max. 0.0005%	0.0002%
Chloride (Cl)	max. 0.0001%	Passes
Iron (Fe)	max. 0.00001%	Passes
Heavy Metals (Pb)	max. 0.00002%	Passes
Aldehyde & Ketones	max. 0.005%	Passes
Free Chlorine (Cl)	max. 0.00003%	Passes
Copper (Cu)	max. 0.00001%	Passes
Specific conductance	max. 0.1 µmho/cm	0.0996 µmho/cm
Water (KF)	max. 0.01%	0.004%

FRM/82/11/2/76338 Rev No. 1 Date 01/11/2015

Prepared by Akshay

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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