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Certificate of Analysis

Product 92390 - Trichloroethylene extrapure AR, 99.5% -
[79-01-6]
Batch No 8482883
Analysis Date 26-Feb-2024
Date of Manufacture February 2024
Expiry Date/Re-Test Date February 2029
Molecular Formula C₂HCl₃
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%	99.65%
Density (g/ml) @ 20°C	1.462-1.464	1.462
Refractive Index (20°C)	1.477-1.478	1.477
Boiling Range	86-87°C	86-87°C
Non Volatile Matter	max. 0.001%	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
Water (KF)	max. 0.01%	0.002%
Stabilizer	0.01%-0.02% triethylamine	Present

FRM/82/11/2/92390 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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