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Certificate of Analysis

Product **86976 - Trichloroethylene extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.5% - [79-01-6]**

Batch No **7487151**

Analysis Date 09-Aug-2023

Date of Manufacture August 2023

Expiry Date/Re-Test Date August 2028

Molecular Formula C₂HCl₃

Molecular Weight 131.39

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of BP, Ph.Eur	Complies
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max. 10	Passes
Solubility with water	0.1% at 25°C is clear,colourless	clear,colourless
Assay (GC)	min. 99.5%	99.75%
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%	0.0005%
Acidity (HCl)	max. 0.0005%	0.0004%
Alkalinity (NaOH)	max. 0.001%	Nil
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%	0.01%
Stabilizer	0.01%-0.02% triethylamine	Present

FRM/82/11/2/86976 Rev No. 2 Date 14/04/2019

Prepared by Udit

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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