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Certificate of Analysis

Product	97681 - Trichloroethylene for UV spectroscopy, 99.5% - [79-01-6]
Batch No	2800390
Analysis Date	17-Jul-2019
Date of Manufacture	July 2019
Expiry Date/Re-Test Date	July 2024
Molecular Formula	C ₂ HCl ₃
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%	99.69%
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. 0.0005%	0.0005%
Acidity (HCl)	max. 0.0005%	0.0003%
Water (KF)	max. 0.01%	0.01%
Min % transmission per cm		
@278nm	≥10	43
@300nm	≥80	80
@325nm	≥83	83
@350nm	≥88	89
@400nm	≥99	99

FRM/82/11/2/97681 Rev No. 1 Date 11/13/2018

Prepared by **Neena**

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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