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Certificate of Analysis

Product **87988 - 1,2-Dichloroethane for HPLC & UV Spectroscopy, 99.9% - [107-06-2]**
Batch No **9542717**
Analysis Date 23-Apr-2024
Date of Manufacture April 2024
Expiry Date/Re-Test Date April 2029
Molecular Formula C₂H₄Cl₂
Molecular Weight 98.96

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. 99.9%	99.99%
Density (g/ml) @ 20°C	1.252-1.254g	1.252
Refractive Index (20°C)	1.443-1.445	1.443
Boiling Range	82-83°C	82-83°C
Non Volatile Matter	max. 0.0005%	0.0002%
Acidity (HCl)	max. 0.001%	0.0002%
Water (KF)	max. 0.01%	0.01%
%T (Transmission) in a 1cm cell v/s H ₂ O		.
@230nm	≥10	24
@240nm	≥50	63
@245nm	≥80	82
@250 nm	≥85	91
@260nm	≥90	100
@270nm	≥98	100
@280-400nm	≥99	100

FRM/82/11/2/87988 Rev No. 2 Date 05/01/2020

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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