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# Certificate of Analysis

**Product** **87988 - 1,2-Dichloroethane for HPLC & UV Spectroscopy, 99.9% - [107-06-2]**  
**Batch No** **4739021**  
**Analysis Date** 25-Dec-2023  
**Date of Manufacture** December 2023  
**Expiry Date/Re-Test Date** December 2028  
**Molecular Formula** C<sub>2</sub>H<sub>4</sub>Cl<sub>2</sub>  
**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 <sub>2</sub> O		.
@230nm	≥10	52
@240nm	≥50	94
@245nm	≥80	98
@250 nm	≥85	100
@260nm	≥90	100
@270nm	≥98	100
@280-400nm	≥99	100

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

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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