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# Certificate of Analysis

**Product** **69566 - 1,2-Dichloroethane extrapure AR, 99.5% - [107-06-2]**  
**Batch No** **5089488**  
**Analysis Date** 18-Sep-2023  
**Date of Manufacture** September 2023  
**Expiry Date/Re-Test Date** September 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. 99.5%	99.98%
Density (g/ml) @ 20°C	1.252-1.254	1.252
Refractive Index (20°C)	1.443-1.445	1.443
Boiling Range	82-84°C	82-84°C
Non Volatile Matter	max. 0.002%	0.0002%
Acidity (HCl)	max. 0.001%	0.0002%
Substances reducing Permanganate (O)	max. 0.001%	Passes
Iron (Fe)	max. 0.00001%	Passes
Heavy Metals (Pb)	max. 0.00002%	Passes
Free Chlorine (Cl)	max. 0.0001%	Passes
Copper (Cu)	max. 0.00001%	Passes
Water (KF)	max. 0.03%	0.03%

FRM/82/11/2/69566 Rev No. 3 Date 19/06/2016

Prepared by SGavhane

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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