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Certificate of Analysis

Product **45368 - Dichloromethane (DCM) extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.5% - [75-09-2]**

Batch No **6230840**

Analysis Date 03-Jun-2024

Date of Manufacture June 2024

Expiry Date/Re-Test Date June 2029

Molecular Formula CH₂Cl₂

Molecular Weight 84.93

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP	Complies
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max 10	Passes
Solubility	1.3%aq.solution is Clear ,colourless	Clear colourless
Assay (GC)	min. 99.5%	99.93%
Density (g/ml) @ 20°C	1.323-1.325	1.323
Refractive Index (20°C)	1.424-1.425	1.424
Boiling Range	39-40°C	39-40°C
Non Volatile Matter	max. 0.001%	0.0002%
Acidity (HCl)	max. 0.001%	0.0002%
Free Chlorine (Cl)	max. 0.0001%	Passes
Iron (Fe)	max. 0.00005%	Passes
Heavy Metals (Pb)	max. 0.0001%	Passes
Formaldehyde (HCHO)	max. 0.0001%	Passes
Copper (Cu)	max. 0.00005%	Passes
Water (KF)	max. 0.02%	0.007%

FRM/82/11/2/45368 Rev No. 2 Date 16/04/2019

Prepared by Sujit

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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