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Certificate of Analysis

Product **51126 - Chloroform Dried, 99.5%, water 0.005% - [67-66-3]**
Batch No **1284953**
Analysis Date 21-Dec-2023
Date of Manufacture December 2023
Expiry Date/Re-Test Date December 2028
Molecular Formula CHCl₃
Molecular Weight 119.38

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%	99.51%
Density (g/ml) @ 20°C	1.475 - 1.479	1.475
Refractive Index (20°C)	1.444 - 1.445	1.444
Boiling Range	60 - 62°C	60 - 62°C
Non Volatile Matter	max. 0.0005%	0.0005%
Acidity (HCl)	max. 0.0005%	0.0002%
Aldehydes & Ketones (CH ₃ CHO)	max. 0.005%	Passes
Substance Discoloured by H ₂ SO ₄	Passes test	Passes
Dithizone test	Passes test	Passes
Metallic impurities	No reaction	No reaction
Ionised Chloride (Cl)	max. 0.00002%	Passes
Free Chlorine (Cl)	max. 0.00002%	Passes
Iron (Fe)	max. 0.00001%	Passes
Heavy Metals (Pb)	max. 0.00001%	Passes
Water (KF)	max. 0.005%	0.003%
Stabilizer (Amylene)	Present	Present

FRM/82/11/2/51126 Rev No. 2 Date 21/01/2019

Prepared by Akshay

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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