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Certificate of Analysis

Product	84155 - Chloroform extrapure AR, 99.5% - [67-66-3]
Batch No	4431605
Analysis Date	10-Jul-2024
Date of Manufacture	July 2024
Expiry Date/Re-Test Date	July 2029
Molecular Formula	CHCl ₃
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) (excluding stabilizer)	min. 99.5%	99.78%
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%	0.0001%
Acidity (HCl)	max. 0.0005%	0.0002%
Substance Discoloured by H ₂ SO ₄	Passes test	Passes
Chloride (Cl)	max. 0.00002%	Passes
Suitability for use with dithizone	Passes test	Passes
Metallic impurities	No reaction	Passes
Free Chlorine (Cl)	max. 0.00002%	Passes
Aldehyde & Ketones	max. 0.005%	Passes
Iron (Fe)	max. 0.00001%	Passes
Heavy Metals (Pb)	max. 0.00001%	Passes
Water (KF)	max. 0.05%	0.04%
Stabilizer (Ethanol)	1-2% ethanol	Present

FRM/82/11/2/84155 Rev No. 4 Date 13/11/2023

Prepared by Rganesh

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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