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Certificate of Analysis

Product	32022 - Chloroform extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.8% - [67-66-3]
Batch No	9614509
Analysis Date	09-Mar-2024
Date of Manufacture	March 2024
Expiry Date/Re-Test Date	March 2029
Molecular Formula	CHCl ₃
Molecular Weight	119.38

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP, Ph.Eur	Complies
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max. 10	Passes
Assay (GC) (excluding stabilizer)	min. 99.8%	99.97%
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%	0.0002%
Acidity (HCl)	max. 0.0005%	0.0002%
Substance Discoloured by H ₂ SO ₄	Passes test	Passes
Chloride (Cl)	max. 0.00002%	Passes
Iron (Fe)	max. 0.00001%	Passes
Heavy Metals (Pb)	max. 0.00001%	Passes
Suitability for use with dithizone	Passes test	Passes
Metallic impurities	No reaction	No reaction
Free Chlorine (Cl)	max. 0.00002%	Passes
Aldehydes & Ketones (CH ₃ CHO)	max. 0.005%	Passes
Water (KF)	max. 0.05%	0.007%
Stabilizer (Ethanol)	0.4 -1% ethanol	Present

FRM/82/11/2/32022 Rev No. 2 Date 28/10/2018

Prepared by Udit

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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