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Certificate of Analysis

Product	10124 - Chlorobenzene (MCB) extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.5% - [108-90-7]
Batch No	1905188
Analysis Date	08-Oct-2022
Date of Manufacture	October 2022
Expiry Date/Re-Test Date	October 2027
Molecular Formula	C6H5Cl
Molecular Weight	112.56

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
Miscibility	In alcohol,benzene,ether,chloroform is clear,colourless	clear,colourless
Assay (GC)	min. 99.5%	99.88%
Density (g/ml) @ 20°C	1.105 - 1.107	1.105
Refractive Index (20°C)	1.524 - 1.525	1.524
Boiling Range	131 - 133°C	131-133°C
Non Volatile Matter	max. 0.003%	0.0005%
Titration acid	max. 0.004 meq/g	Passes
Iron (Fe)	max. 0.00001%	Passes
Heavy Metals (Pb)	max. 0.0001%	Passes
Copper (Cu)	max. 0.00001%	Passes
Sodium (Na)	max. 0.00001%	Passes
Calcium (Ca)	max. 0.00001%	Passes
Water (KF)	max. 0.05%	0.02%

FRM/82/11/2/10124 Rev No. 2 Date 07/04/2019

Prepared by Ashish

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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