

CERTIFICATE OF ANALYSIS

Product: *Chloroform, Laboratory grade*

Order No.: 216.05.01000.01

Batch No/Lot No: 216.05.01-E31.21

Quantity: 1Lit

Date of Production: 31/05/2021

Retest Date: 31/05/2023

Row	Test Item	Specification	Results	Reference
1	Description	A colorless volatile liquid.	Conforms	BP2015
2	Solubility	Slightly soluble in water, miscible with absolute ethanol, with ether, with fixed & volatile oils & with most organic solvents.	Conforms	BP2015
3	Identification (IR)	According to reference standard spectrum	Conforms	BP2015
4	Identification (GC)	The retention time of the major peak in chromatogram of the related substances preparation corresponds to that in the chromatogram of the Chloroform standard preparation as obtained in the test.	Conforms	In house
5	Distillation range	Not more than 5.0% v/v distils below 60°C and the remainder distils at 60° to 62°.	Conforms	BP2015
6	Density (@ 20 °C)	Between (1.474 - 1.479) g/cm ³	1.479	BP2015
7	Acidity or alkalinity	The color produced is the same as that produced on adding 0.1 ml of the neutral litmus solution to 5 ml of freshly boiled & cooled water.	Conforms	BP2015
8	Chloride	The solution is clear.	Conforms	BP2015
9	Free chlorine	The lower layer should not show a violet tint.	Conforms	ACS
10	Aldehyde	Not more than a pale yellow color is produced.	Conforms	BP2015
11	Foreign chlorine compounds	No opalescence is produced.	Conforms	BP2015
12	Ethanol	1.0% to 2.0% of ethanol	Conforms	BP2015
13	Nonvolatile residue	N.M.T 0.003 %	0.0005	BP2015
14	Assay	N.L.T 98.0%	99.9	In house

QC. Manager: Ms. Iravani

Qualified Person: Dr. Mojallali

Status:

Date: 02.06.2021

QC Approved

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