

CERTIFICATE OF ANALYSIS

PRODUCT NAME : CHLOROFORM AR

CAS No : 67-66-3
Mol. Formula : CHCl₃
Mol. WT : 119.38
Date of analysis : 17/04/24

Product code : 22620
Batch No : MCAR-00042
Mfd. : April 2024
Exp. : March 2029

S.R	Test	Specification	Observation
1	Description	A clear, colourless liquid, with characteristic odor, APHA not greater than 10 HU.	A clear, colourless liquid, with characteristic odor, APHA less than 10 HU.
2	Assay (GC)	99.8 % min	99.93%
3	Wt. per ml (at 20⁰c)	1.474-1.479g	1.475g
4	Refractive index	1.444 – 1.445	1.444
5	Water	0.05% max	0.012%
6	Acidity (HCl)	0.0005% max	< 0.0005%
7	Non Volatile Matter	0.0005% max	0.0003%
8	Ionized chloride(Cl)	0.00002% max	<0.00002%
9	Free chlorine(Cl)	0.0005% max	< 0.0005%
10	Metallic impurities	No reaction	No reaction
11	Aldehydes & Ketones (CH₃CHO)	0.005% max	< 0.005%
12	Organic impurities	Passes Test	Passes Test

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

CHEMIST
(Jyoti)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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