

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : CHLOROFORM AR**

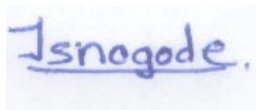
**CAS No : 67-66-3**  
**Mol. Formula : CHCl<sub>3</sub>**  
**Mol. WT : 119.38**  
**Date of analysis : 12/05/25**

**Product code : 22620**  
**Batch No : MCAR-01582**  
**Mfd. : May 2025**  
**Exp. : April 2030**

S.R	Test	Specification	Observation
1	<b>Description</b>	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	<b>Assay (GC)</b>	99.8 % min	99.92%
3	<b>Wt. per ml (at 20<sup>o</sup>c)</b>	1.474-1.479g	1.478g
4	<b>Refractive index</b>	1.444 – 1.445	1.444
5	<b>Water</b>	0.05% max	0.01%
6	<b>Acidity (HCl)</b>	0.0005% max	< 0.0005%
7	<b>Non Volatile Matter</b>	0.0005% max	0.0003%
8	<b>Ionized chloride(Cl)</b>	0.00002% max	<0.00002%
9	<b>Free chlorine(Cl)</b>	0.0005% max	< 0.0005%
10	<b>Metallic impurities</b>	No reaction	No reaction
11	<b>Aldehydes &amp; Ketones (CH<sub>3</sub>CHO)</b>	0.005% max	< 0.005%
12	<b>Organic impurities</b>	Passes Test	Passes Test

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST  
(Jyoti)**



**[QC Incharge]**



**HEAD-QUALITY ASSURANCE  
(G.G.Salian)**

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