

CERTIFICATE OF ANALYSIS

PRODUCT NAME : CARBON TETRACHLORIDE AR

CAS No : 56-23-5
Mol. Formula : CCl₄
Mol. WT : 153.82
Date of analysis : 21/03/25

Product code: 22530
Batch No : MCAM-0047
Mfd. : March 2025
Exp. : Feb. 2030

S.R	Test	Specification	Observation
1	Description	A clear colourless liquid with a characteristic odour. APHA not greater than 10 HU.	A clear colourless liquid with a characteristic odour. APHA less than 10 HU.
2	Assay (by GC)	99.5 % min	99.77%
3	Wt. per ml (at 20⁰c)	1.592-1.595g	1.595g
4	Refractive index n²⁰_D	1.460 – 1.461	1.461
5	Water(by KF)	0.02% max	0.002%
6	Acidity(HCl)	0.0002% max	<0.0002%
7	Non Volatile Matter	0.001% max	0.0008%
8	Ionised Chloride(Cl)	0.00006%max	<0.00006%
9	Free Chlorine(Cl)	0.0005%max	<0.0005%
10	Metallic impurities	No reaction	No reaction
11	Carbon disulphide(CS₂)	0.0005%max	<0.0005%
12	Iodine-Reducing Substance (I)	0.0015%max	<0.0015%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Deepa)**



[QC Incharge]



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

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