



CERTIFICATE OF ANALYSIS

PRODUCT NAME : CARBON TETRACHLORIDE AR

CAS No : 56-23-5
Mol. Formula : CCl₄
Mol. WT : 153.82
Date of analysis : 09/01/22

Product code : 22530
Batch No : MCM-4506
Mfd. : Jan. 2022
Exp. : Dec. 2026

S. R	Test	Specification	Observation
1	Description	Clear colourless liquid	Clear colourless liquid
2	Assay (by GC)	99.5 % min	99.94%
3	Wt. per ml (at 20 ⁰ c)	1.592-1.595g	1.594g
4	Refractive index n ²⁰ _D	1.460 – 1.461	1.461
5	Water(by KF)	0.02% max	0.006%
6	Acidity(HCl)	0.0002% max	<0.0002%
7	Non Volatile Matter	0.001% max	0.0009%
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(CS ₂)	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]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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