

Department: Quality Control      Document No: LCPL/QSD/QAD/11      SOP No.: DB/SOP/QC/11-C030

**SPECIFICATION : CARBON TETRACHLORIDE**

Issue date	26/03/2018	Review date	25/03/2023	Location	All Units
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**PRODUCT DETAILS**

1	Molecular Formula	CCl <sub>4</sub>
2	Product code	C030
3	Molecular weight	153.82
4	CAS No	56-23-5
5	Risk Statement No	23/24/25-40-48/23-52/53-59
6	Safety Statement No	23-36/37-45-59-61
7	UN No.	UN1846



**PACKING DETAILS**

	Product code	Pack size
1	C03030	500mL
2	C03032	2.5L

**PRODUCT SPECIFICATION**

**SL. No.      TEST PARAMETERS**

1	Description
2	Miscibility
3	Assay (GC)
4	Weight per mL at 20°C
5	Refractive index at 20°C
	Distillation range
	Non-volatile matter
	Readily carbonisable substances
	Substance reducing iodine
	Suitability for use with Dithizone
	Water by KF

**LIMITS**

A clear colourless liquid with characteristic odour.
Miscible with ethanol, acetone, chloroform and most organic solvent. 0.08 g miscible in 100 ml of water at 25°C.
Not less than 99.0%
Between 1.591g and 1.595 g
Between 1.459 and 1.461
Between 76.0 and 77.0°C
Not more than 0.001%
Passes test
Passes test
Passes test
Not more than 0.02%

**SAFETY SYMBOLS**



Harmful / Irritant



Dangerous for the environment