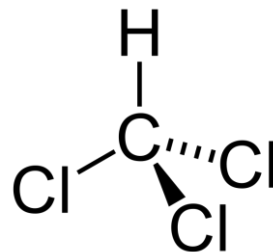
	LEONID CHEMICALS PVT. LTD.				
	FINE CHEMICAL				
Department: Quality Control		Document No: LCPL/QSD/QAD/11		SOP No.: DB/SOP/QC/11-C013	
SPECIFICATION : CHLOROFORM AR					
Issue date	26/03/2018	Review date	25/03/2023	Location	All Units
Version No.:	00	Supersedes	--	Page No	1 of 2

PRODUCT DETAILS

1	Molecular Formula	CHCl ₃
2	Product code	C013
3	Molecular weight	119.38
4	CAS No	67-66-3
5	Risk Statement No	11-14-20/21/22-35-37
6	Safety Statement No	7/9-16-26-36/37/39-45
7	UN No.	UN1888




PACKING DETAILS

	Product code	Pack size
1	C01330	500 mL
2	C01332	2.5 L

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	A clear colourless liquid with a characteristic odour.
2	Identification (By IR spectrum)	To conform with standard.
3	Miscibility	Miscible with ethanol, acetone, ether and most organic solvent. Practically insoluble in water.
4	Assay (GC)	Not less than 99.5%
5	Weight per mL	Between 1.474 and 1.478 g
6	Distillation range	Between 60.0 and 62.0°C
7	Non – volatile matter	Not more than 0.0005%
8	Acidity (as HCl)	Not more than 0.0005%
9	Free chlorine	Not more than 0.00005%
10	Phosgene	Not more than 0.00002%
11	Aldehydes & ketones	Not more than 0.00008%
12	Chloride	Not more than 0.00002%
13	Carbon tetrachloride (GC)	Not more than 0.01%
14	Dichloromethane (GC)	Not more than 0.1%
15	Tetrachloroethylene (GC)	Not more than 0.01%

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SL. No.	TEST PARAMETERS	LIMITS
	Trichloroethylene	Not more than 0.01%
	Readily carbonisable substances	Passes test
	Suitability for use with dithizone	Passes test
	Water(by KF)	Not more than 0.05%

SAFETY SYMBOLS



Health hazard



Toxic