

Commodity : Chloroform											
Selling Unit : volume-liter											
S.No.	Parameters	Type	Value 1	Value 2	Value 3	Value 4	Validation/ Remark	M	F	G	Demand aggregati on
Requirements											
1	Chemical formula	CH	CHCl ₃					√			
2	Molecular weight	N	119.38					√			
3	Purity (GC)	N	99.0 to 99.4					√	√		
4	Assay Related to CHCl ₃ , % max	N	99.8				N≥99.8	√	√		
5	Free Acid (as HCl), % min	N						√	√		
6	Chloride (Cl), % min	N					N≤0.0001	√	√		
7	Colour (APHA),Hazen, min	N					N≤10	√	√		
8	Free Chloride (Cl), % min	CH	Conforms					√			
9	Copper (Cu), % min	N					N≤0.000001	√	√		
10	Iron (Fe), % min	N					N≤0.00001	√	√		
11	Lead (pb), % min	N					N≤0.000001	√	√		
12	Substances darkened by Sulfuric Acid	CH	Conforms					√			
13	Water, % min	N					N≤0.05	√	√		
14	Evaporation residue, % min	N					N≤0.001	√	√		
15	Aldehydes and ketones (as C ₃ H ₆ O), % min	N					N≤0.001	√	√		
16	Stabillizer (Stabilized with Ethanol) %	N	0.6-1.0					√	√		

Packing											
17	Packing material	CH	Glass	Plastic					√	√	√
18	The material shall be supplied in sound and clean containers according to the marking and delivery instruction given by the purchaser	CH	YES						√		
19	All containers in which material is packed shall be dry and clean so that no impurities harmful to the end use of the material is introduced	CH	YES						√		
20	Necessary safeguards against the risk arising from the storage and handling of large volume of flammable liquids shall be provided	CH	YES						√		
21	Packing size (in liter)	N	0.25	0.5	1	2			√	√	√
Marking											
22	Each container shall be marked legibly and idelibly with the following information (a) Name of the material (b) Manufacturer name (c) Net, gross and tare mass (d) Date of packing (e) Recognised trademark, if any	CH	YES						√		
Shelf Life											
23	Shelf Life (years)	N	1	2	3	4			√	√	√
Test Report Details											
24	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Ch	Yes	No					√	√	

25	Test Report to be submitted to the Buyer on Demand write NA if Test report is not available	Ch	Yes	NA				√	√		
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