

Department: Quality Control

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SOP No.: SOP/QC/11-D032

**SPECIFICATION : DICHLOROMETHANE AR**

Issue date	02/04/2018	Review date	01/04/2023	Location	All Units
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**PRODUCT DETAILS**

1	Molecular Formula	CH <sub>2</sub> Cl <sub>2</sub>
2	Product code	D004
3	Molecular weight	84.93
4	CAS No	75-09-2
5	Risk Statement No	36/37/38-40-67
6	Safety Statement No	23-24/25-36/37
7	UN No.	UN1593



**PACKING DETAILS**

	Product code	Pack size
1	D00430	500 mL
2	D00432	2.5 L
3	D00434	25L

**PRODUCT SPECIFICATION**

**SL. No. TEST PARAMETERS**

1	Description
2	Miscibility
3	Assay (GC)
4	Weight per mL
5	Refractive index
6	Distillation range
7	Non-volatile matter
8	Acidity (as HCl)
9	Water (by KF)

**LIMITS**

A clear colourless liquid.
Miscible with Ethanol, Ether and most organic solvents. 13g miscible in 100mL of water at 25°C
Not less than 99.0%
Between 1.324 g and 1.326 g
Between 1.4235 and 1.4250
Between 39.5° and 40.5°C
Not more than 0.005%
Not more than 0.001%
Not more than 0.05%

**SAFETY SYMBOLS**



Harmful / Irritant



Health hazard