



SRF Limited

Fluorochemicals Business, Dahej

Finished Product - Specification

Chemical Name	Perchloroethylene			DC No.	QA/ ANS/ FP/ PCE - Domestic
Chemical formula	C2Cl4	Mol. Wt.	165.83	CAS No.:	127-18-4
Issue Date	24.09.14		Revision Date		24.09.14
Issue No.	1		Revision No.		0

S. No.	Characteristics	Unit	Specification
1	Appearance	-	Clear, Colourless Liquid, free of suspended matter
2	Colour, <i>Maximum</i>	Hazen	15
3	Identification by GC	-	The RT of the Sample should be match with RT of reference standard
4	Purity by GC, <i>w/w, Minimum</i>	%	99.9
5	Relative density 27/27°C	-	1.610 - 1.620
6	Residue on evaporation, <i>w/w, Maximum</i>	%	0.01
7	Distillation range between 119 to 122°C, The temperature being corrected for 760 mmHg pressure, <i>v/v, Minimum</i>	%	95
8	Moisture, <i>w/w, Maximum</i>	ppm	100
9	Free chlorine	-	To pass the test
10	Alkalinity as Sodium Hydroxide (NaOH), <i>w/w</i>	ppm	5 - 30
11	Non Volatile Residue, <i>w/w, Maximum</i>	ppm	10
12	pH	-	Informative

Reference : Inhouse specification & IS:5297-1977

Abbreviations:

DC No.	Document Control Number
QA	Quality Assurance
ANS	Analytical Specification
FP	Finished Product
w/w	weight by weight
RT	Retention Time



Prepared & Checked by	Accepted by	Reviewed By	Approved by
Head - QA	Head production - P11/12 Plant	SVP & Head of works	SVP (S&M) - FC