



SRF Limited

Chemicals Business, Bhiwadi

Finished Product - Analytical Specification

Title	Refrigerant R32	DC No.	QA/ ANS/ FP/ CH2F2
Department	Quality Assurance	Issue No.	2
Issue Date	12.02.16	Revision No.	0

S. No.	Characteristics	Unit	Specification
1	Appearance	-	Colorless
2	Difluoromethane (R 32), w/w, <i>Minimum</i>	%	99.90
3	All other volatile impurities w/w, <i>Maximum</i>	%	0.50
4	Halogenated unsaturated volatile impurities w/w, <i>Maximum</i>	ppm	40.0
5	Water, w/w, <i>Maximum</i>	ppm	10.0
6	High Boiling Residue, w/w, <i>Maximum</i>	%	0.01
7	Particulates / Solids	-	Visually clean
8	Acidity, as Hydrochloric Acid (HCl), w/w, <i>Maximum</i>	ppm	1.0
9	Chloride, no visible turbidity (indicates about 3 ppm)	-	No visible turbidity
10	Air & other non condensable in vapor phase, v/v, <i>Maximum</i> @ 75.0oF (23.9oC)	%	1.5

Abbreviations:

- DC No. Document Control Number
- QA Quality Assurance
- ANS Analytical Specifications
- FP Finished Product

CONTROLLED

Prepared by	Checked By	Reviewed by	Approved by	Authorised by
Manager - QA	Head - Marketing	Head - Plant	Head - QA	SVP & Head of Works