



**SRF Limited**  
**Chemicals Business, Bhiwadi**

**Finished Product - Analytical Specification**

**(Meets AHRI 700 - 2014 Specifications)**

Title	<b>Refrigerant 410A</b>	DC No.	QA/ ANS/ FP/ R410A
Department	Quality Assurance	Issue No.	2
Issue Date	20.05.15	Revision No.	5

S. No.	Characteristics	Unit	Specification
1	Appearance	-	Colourless
2	Purity w/w, <i>Minimum</i>	%	99.9
3	Difluoromethane (R32), w/w	%	49.5 ± 1
4	1,1,1,2,2-Pentafluoroethane (R125), w/w	%	50.5 ± 1
5	All other volatile impurities w/w, <i>Maximum</i>	%	0.50
6	Acidity, as Hydrochloric Acid (HCl), w/w, <i>Maximum</i>	ppm	1.0
7	Chloride, no visible turbidity (indicates about 3 ppm)	-	No visible turbidity
8	Water, w/w, <i>Maximum</i>	ppm	10.0
9	High Boiling Residue, v/v, <i>Maximum</i>	ppm	100.0
10	Particulates / Solids	-	Visually clean
11	Air & other non condensable in vapor phase, v/v, <i>Maximum @ 75.0oF (23.9oC)</i>	%	1.5

Abbreviations:

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

**CONTROLLED**

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