

Certificate of Analysis

Product Name : Refrigerant R438A

Sr. No.	Parameters	Unit	Specification	Results	Test Method
1	Appearance	Pass or Fail	Clear and Colorless	Qualified	QPC/STP/R438A/01
2	Mass fraction of R-32	%	7.0 ~ 9.0	8.04	QPC/STP/R438A/01
3	Mass fraction of R-125	%	43.5~46.5	45.44	QPC/STP/R438A/01
4	Mass fraction of R-134a	%	42.7~45.7	44.25	QPC/STP/R438A/01
5	Mass fraction of R-600	%	1.5~1.8	1.72	QPC/STP/R438A/01
6	Mass fraction of R-601a	%	0.4~0.7	0.53	QPC/STP/R438A/01
7	Purity	%(≥) (by Weight)	99.9	99.98	AHRI 700-2014
8	Moisture	PPM (by Weight)	≤0.001	0.0006	AHRI 700-2014
9	Acidity (as HCl)	PPM (by Weight)	≤1	ND	AHRI 700-2014
10	Evaporation Residues	PPM (by Weight)	≤10	0.09	AHRI 700-2014
11	Air & Other Non-Condensable in Vapour Phase	% by volume Max	≤1.5	0.87	AHRI 700-2014
12	Chloride (Cl ⁻) test	%	Qualified	Qualified	AHRI 700-2014
13	Odor	Pass or Fail	No Strange Odor	Qualified	QPC/STP/R438A/01

Above Specification as Per AHRI 700_2019

Note: 1. This test report shall not be reproduced in half or full without written permission of lab.

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