



ADVANCED SPECIALTY GASES®

135 CATRON DRIVE RENO, NV 89512
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MIL-SPEC Refrigerant Gas **R-407c (Halocarbon 407c)**

Chemical Formula: CH₂F₂, CF₃CHF₂, CH₂FCF₃

DOT name: Refrigerant Gas R-407c

Hazard Class: 2.2

UN#: 3340

CAS#: 75-10-5, 354-33-6, 811-97-2

Chemical Parameter	AHRI Requirements	Typical Analysis	Units
R-407c, Assay	97.98	97.99	%
Air & Other Non-condensable Gas (NCG)	1.5	1.5	% by volume @ 25°C
Water	10	10	ppm by weight
All Other Volatile Impurities	0.5	0.5	% by weight
High Boiling Residue	0.01	0.01	% by volume
Halogenated Unsaturated Volatile Impurities	40	40	ppm by weight
Particulates/ Solids	Pass	pass	Visually clean to pass
Acidity	1	0.0016	ppm by weight
Chloride	Pass	pass	No visible turbidity