



# ADVANCED SPECIALTY GASES®

135 CATRON DRIVE RENO, NV 89512  
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## MIL-SPEC Refrigerant Gas

### R-22 (Halocarbon 22, CHClF<sub>2</sub>, Chlorodifluoromethane)

**Chemical Formula:** CHClF<sub>2</sub>

**DOT name:** chlorodifluoromethane

**Hazard Class:** 2.2

**UN#:** 1018

**CAS#:** 75-45-6

Chemical Parameter	AHRI Requirements	Typical Analysis	Units
R-22, Assay	97.98	99.67	%
Air & Other Non-condensable Gas (NCG)	1.5	0.21	% by volume @ 25°C
Water	10	7	ppm by weight
All Other Volatile Impurities	0.5	0.10	% by weight
High Boiling Residue	0.01	<0.01	% by volume
Halogenated Unsaturated Volatile Impurities	40	3	ppm by weight
Particulates/ Solids	Pass	pass	Visually clean to pass
Acidity	1	<1.0	ppm by weight
Chloride	Pass	pass	No visible turbidity