



# ADVANCED SPECIALTY GASES®

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

### **R-124 (Halocarbon 124, CF<sub>3</sub>CHClF, 1-Chloro-1,2,2,2-tetrafluoroethane)**

**Chemical Formula:** CF<sub>3</sub>CHClF

**DOT name:** 1-Chloro-1,2,2,2-tetrafluoroethane

**Hazard Class:** 2.2

**UN#:** 1021

**CAS#:** 2837-89-0

<b>Chemical Parameter</b>	<b>AHRI Requirements</b>	<b>Typical Analysis</b>	<b>Units</b>
R-124, Assay	97.98	99.25	%
Air & Other Non-condensable Gas (NCG)	1.5	0.43	% by volume @ 25°C
Water	10	<10	ppm by weight
All Other Volatile Impurities	0.5	0.3	% 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	<1	ppm by weight
Chloride	Pass	pass	No visible turbidity