



ADVANCED SPECIALTY GASES®

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

R-116 (Halocarbon 116, C₂F₆, Hexafluoroethane)

Chemical Formula: C₂F₆

DOT name: Hexafluoroethane

Hazard Class: 2.2

UN#: 2193

CAS#: 76-16-4

Chemical Parameter	Manufacturer Specification	Typical Analysis	Units	Test Method
R-116, Assay	99.999	99.9999981	%	Gas Chromatography
Impurities, Other Organic	10	0.019	ppm by volume	
Oxygen	2	0.05	ppm by volume	
Nitrogen	8	0.01	ppm by volume	
Water	0.5	0.253	ppm by volume	
Carbon Dioxide	0.5	0.01	ppm by volume	
Carbon Monoxide	5	0.01	ppm by volume	
Acidity (as Hydrochloric acid)	100	30	ppm by volume	

*** AHRI requirements do not apply**