



## ADVANCED SPECIALTY GASES®

135 Catron Drive • Reno, NV 89512  
Tel: 775-356-5500 • Fax: 775-356-5571  
asg@asg-gas.com

### Octafluoropropane, (R-218), 99.99%

CHEMICAL PARAMETER	PRODUCT SPECIFICATION	UNIT
R-218, Assay	99.99	%
Impurities, Other Halocarbons	< 20	ppmv
Nitrogen	< 30	ppmv
Oxygen + Argon	< 20	ppmv
Carbon Monoxide	< 5	ppmv
Carbon Dioxide	< 5	ppmv
Methane	< 5	ppmv
Acidity	≤ 0.2	ppmv
Moisture	< 5	ppmv

### Physical Properties

DESCRIPTION	PROPERTY	UNIT
Molecular Weight	188.03	g/mole
Boiling Point	-34.1	°F
Specific Gravity (air=1)	6.690	at 70°F
Specific volume	2.0	ft <sup>3</sup> /lbs at 70°F
Freezing Point	297.4	°F
Vapor Pressure	114.8	psig
Gas Density	0.4996	lbs/ft <sup>3</sup> at 70°F