



## Xenon (Xe)

### Specifications

	GRADE 4.5	GRADE 5	GRADE 5.5
Purity	99.995%	99.999%	99.9995%
Nitrogen	< 5 ppmv	< 4 ppmv	< 1 ppmv
Oxygen	< 2 ppmv	< 1 ppmv	< 0.1 ppmv
Carbon Monoxide	< 1 ppmv	< 0.5 ppmv	< 0.2 ppmv
Carbon Dioxide	< 1 ppmv	< 0.5 ppmv	< 0.2 ppmv
Moisture	< 2 ppmv	< 1 ppmv	< 0.5 ppmv
Total Hydrocarbons	< 1 ppmv	< 0.5 ppmv	< 0.1 ppmv
Krypton	< 25 ppmv	< 3 ppmv	< 2 ppmv
Total Fluorocarbons			< 0.1 ppmv
Argon		< 1 ppmv	< 1 ppmv
Hydrogen		< 1 ppmv	< 2 ppmv

*Note: Moisture level guaranteed only when EFC Gases & Advanced Materials prepares the cylinders. All concentrations are on a mol/mol basis unless otherwise stated.*

### Cylinder Sizes

SIZE	FILL WEIGHT (L)
49L/Size 300	10,000
44L/Size 200	7,500
44L/Size 200	5,000
16L/Size 80	2,000
5.9L/Size 33A	1,000
3.9L/Size 22A	500
1.7L/Size 9A	500
1.7L/Size 9A	250
1.7L/Size 9A	100
0.5L/Lecture Bottle	50
0.5L/Lecture Bottle	25

### Technical Data

Molecular Weight: 131.1  
Specific Volume: 2.9 cu.ft./lb  
Valve Outlet: CGA 580

### Shipping Information

DOT Name: Xenon  
Hazard Class: 2.2  
DOT No.: UN 2036  
DOT Label: Green, Non-Flammable Gas  
CAS No.: 7440-63-3