



## Boron Trifluoride (BF<sub>3</sub>)

### Specifications

	GRADE 4.5
Purity	99.995%
Oxygen + Nitrogen + Argon	< 10 ppmv
Carbon Dioxide	< 10 ppmv
Sulfur Dioxide	< 10 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 (LB)
2L/Size 10	0.88
2L/Size 10	0.39
Lecture Bottle	0.077

### Technical Data

Molecular Weight: 67.81 g/mol  
Specific Volume: 5.6 cu.ft./lb  
Pressure @ 70°F: 700/400  
Valve Outlet: CGA 330 DISS 642

### Shipping Information

DOT Name: Boron Trifluoride,  
Compressed  
Hazard Class: 2.3  
DOT Number: UN 1008  
DOT Label: Poison Gas/Inhalation  
Hazard  
CAS Number: 7637-07-02