



## DIBORANE (B<sub>2</sub>H<sub>6</sub>): A colorless, flammable, toxic gas

<b>Purity:</b>	<b>Grade 4</b>
<b>Specifications:</b>	<b>99.99%</b>
Oxygen	< 1 ppmv
Nitrogen	< 10 ppmv
Carbon Dioxide	< 5 ppmv
Methane	< 5 ppmv
Hydrogen	< 500 ppmv
Boron Trifluoride	< 50 ppmv
B <sub>5</sub> H <sub>9</sub>	< 10 ppmv
B <sub>4</sub> H <sub>10</sub>	< 180 ppmv
B <sub>5</sub> H <sub>11</sub>	< 10 ppmv

*\*\*Moisture level guaranteed only when Electronic Fluorocarbons prepares the cylinders.  
All concentrations are on a mol/mol basis unless otherwise stated.  
Product sold on the basis of total impurities. Individual impurities may vary slightly.*

Cylinder Size	Fill Volume (L)
Size 200	43.8
Size 35	7.3

### Technical Data:

Mol. Wt: 27.68  
Sp. Volume: 5 cu.ft/lb  
Valve Outlet: CGA 350  
DISS 632

### Shipping Information:

DOT Name: Diborane, Compressed  
Hazard Class: 2.3  
DOT No.: UN 1911  
DOT Label: Inhalation Hazard Flammable Gas  
CAS No.: 19284-45-7

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