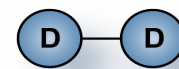




Deuterium (H₂)

A colorless, odorless, flammable, stable isotope of hydrogen, it is also referred to as “heavy hydrogen”

Purity:	Grade 4.5	Grade 5
Specifications:	99.995%	99.999%
Nitrogen	<5 ppmv	<1 ppmv
Oxygen	<1 ppmv	<1 ppmv
Moisture/Deuterated Water	<5 ppmv	<1 ppmv
Carbon Dioxide	<2 ppmv	<1 ppmv
Carbon Monoxide	<1 ppmv	<1 ppmv
Deuterium Hydride	<5000 ppmv	<3000 ppmv
Hydrogen	<150 ppmv	<100 ppmv
Hydrocarbons	<1 ppmv	<1 ppmv
Tritium	<0.002 uCi/L	



***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.

**This gas not available for purchase online.*

Cylinder Size

Fill Weight

44L/Size 200

5000

16L/Size 80

1800

3L/Size 10

100

Technical Data:

Mol. Wt: 4.03

Valve Outlet: CGA 350

Shipping Information:

DOT Name: Deurtium

Hazard Class: 2.1

DOT No.: UN1957

DOT Label: Flammable Gas

CAs No.: 7782-39-0