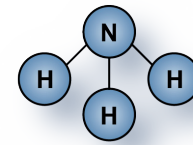




Ammonia (NH₃)

A colorless alkaline gas



Purity:	Grade 5	Grade 5.5	Grade 6.4
Specifications:	99.999%	99.9995%	99.99994%
Nitrogen	<5 ppmv	<1.5 ppmv	
Oxygen		<0.5 ppmv	(+Ar): <100 ppbv
Carbon Monoxide	<10 ppmv	<0.1 ppmv	< 50 ppbv
Carbon Dioxide		<0.4 ppmv	<100 ppbv
Hydrogen			<100 ppbv
Methane	<2 ppmv	<0.1 ppmv	<50 ppbv
Water	(+O ₂): <5 ppmv	<2 ppmv	<200 ppbv

***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 (lbs)

1 Ton

500

49L/Size 300

55

44L/Size 200

50

Technical Data:

Mol. Wt: 17.03

Specific Volume: 22.6 cu. ft/lb

Pressure @ 70°F: 113.9 psig

Valve Outlet: CGA 600

DISS 720

Shipping Information:

DOT Name: Ammonia

Hazard Class: 2.2

DOT No.: UN1005

DOT Label: Non-Flammable Gas

CAs No.: 7664-41-7