



AMMONIA (NH₃): A colorless alkaline gas with a characteristic sharp smell

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	< 2 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.

Cylinder Size	Fill Weight (lbs)
1 Ton	500
49L/Size 300	55
44L/Size 200	50

**RFO available*

Technical Data:

Mol. Wt: 17.03
Sp. Volume: 22.6 cu.ft/lb
Pressure @ 70°F: 113.9 psig
Valve Outlet: CGA 660
DISS 720

Shipping Information:

DOT Name: Ammonia
Hazard Class: 2.2
DOT No.: UN 1005
DOT Label: Non-Flammable Gas
CAS No.: 7664-41-7

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