



Arsine (AsH₃)

Specifications

	GRADE 5.5	GRADE 6	GRADE 6.5
Purity	99.9995%	99.9999%	99.99995%
Water	< 2 ppmv	< 350 ppbv	< 100 ppbv
Nitrogen	< 2 ppmv	< 250 ppbv	< 50 ppbv
Oxygen	< 1 ppmv	< 40 ppbv	< 20 ppbv
Carbon Dioxide	< 0.5 ppmv	< 40 ppbv	< 10 ppbv
Carbon Monoxide	< 0.1 ppmv	< 10 ppbv	< 10 ppbv
Methane	< 0.5 ppmv		
C1-C2		< 500 ppbv	< 100 ppbv
Argon		< 50 ppbv	< 50 ppbv
Germane		< 50 ppbv	< 50 ppbv
Hydrogen Sulfide			< 50 ppbv
Silane			< 50 ppbv

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)
44L/Size 200	55
265AL	60/40
150AL	28

Technical Data

Molecular Weight: 77.95 g/mol
 Specific Volume: 5.0 cu.ft./lb
 Pressure @ 70°F: 204.6 psig
 Valve Outlet: CGA 350 DISS 632

Shipping Information

DOT Name: Arsine
 Hazard Class: 2.3
 DOT Number: UN 2188
 DOT Label: Poison Gas/Inhalation
 Hazard, Flammable Gas
 CAS Number: 7784-42-1