

Arsine (AsH₃)

Megabit™ III Grade

Total Purity ≥ 99.99995%

Description

Megabit™ III Grade Arsine (99.99995%) is our highest purity grade for optoelectronic applications featuring full metals analysis. Arsine is a highly toxic, flammable, colorless gas with an odor similar to garlic. Arsine is shipped as a liquefied gas under its own vapor pressure.

Specifications

Carbon Dioxide (CO ₂)	< 25 ppbv
Carbon Monoxide (CO)	< 50 ppbv
Carbonyl Sulfide (COS)	< 50 ppbv
Ethane & Methane (C ₂ H ₆ & CH ₄)	< 100 ppbv
Germane (GeH ₄)	< 10 ppbv
Hydrogen Sulfide (H ₂ S)	< 50 ppbv
Nitrogen (N ₂)	< 50 ppbv
Oxygen (O ₂)	< 25 ppbv
Silane (SiH ₄)	< 10 ppbv
Water (H ₂ O)	< 100 ppbv
Antimony (Sb)	< 25 ppbw
Cadmium (Cd)	< 10 ppbw
Calcium (Ca)	< 10 ppbw
Chromium (Cr)	< 10 ppbw
Cobalt (Co)	< 10 ppbw
Copper (Cu)	< 10 ppbw
Gallium (Ga)	< 10 ppbw
Germanium (Ge)	< 10 ppbw
Iron (Fe)	< 50 ppbw
Lead (Pb)	< 10 ppbw
Lithium (Li)	< 1 ppbw
Magnesium (Mg)	< 10 ppbw
Manganese (Mn)	< 5 ppbw
Molybdenum (Mo)	< 10 ppbw
Nickel (Ni)	< 10 ppbw
Potassium (K)	< 1 ppbw
Selenium (Se)	< 1 ppbw
Silicon (Si)	< 10 ppbw
Sodium (Na)	< 10 ppbw
Tin (Sn)	< 10 ppbw
Zinc (Zn)	< 10 ppbw

Standard Package Information – Asia & North America

Material Number	19659	33372
Cylinder Size	44L Steel	8L Steel
Fill Weight (lbs)	50	10
Fill Weight (kgs)	22.7	4.5
Valve Connection	Manual DISS 632	Manual DISS 632
Cylinder Dimensions (in)	9x51	7x19

Standard Package Information – Europe

Material Number	135903	135892
Cylinder Size	50L Steel	10L Steel
Fill Weight (lbs)	60	11
Fill Weight (kgs)	27	5
Valve Connection	Manual DIN 1	Manual DIN 1
Cylinder Dimensions (cm)	23x155	15x84

For More Information

Our technical staff and sales engineers stand ready to work with you to meet your application, process and safety needs. If you would like additional information or technical assistance in preparing specific formulations, write or call Air Products and Chemicals, Inc. at one of the following locations.

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