



Arsenic Pentafluoride SDS®2

Gas Grade Purity Specifications	Product Code	Cylinder Size	Grams Deliverable to 20 Torr	Liters Deliverable to 20 Torr
Arsenic Pentafluoride SDS®2 (Carbon)	G2658733	JY (2.2 L)	235	33.4
Gas Purity ≥ 99%	G2658734	WY (0.44 L)	45	6.4
<i>Specifications</i>				
Air			≤ 0.3%	
Arsenic Trifluoride			≤ 0.03%	
Hydrogen Fluoride			≤ 0.2%	

A lot analysis for SDS products will be provided on request. Specifications based on Source Gas.

Fill pressure is 650 TORR at 70°F (21°C) and not to exceed 700 TORR at 70°F (21°C). Cylinder connection is 0.5" (1/2") VCR.

SDS2 refers to Carbon adsorbent.

Shelf life: 3 years

Arsine SDS®2 & SDS®3

Gas Grade Purity Specifications	Product Code	Cylinder Size	Grams Deliverable to 20 Torr	Liters Deliverable to 20 Torr
Arsine SDS®2	G1621025	UY (6.6 L)	1320	408.8
Gas Purity ≥ 99.9995%	G1621061	JY (2.2 L)	440	136.3
<i>Specifications</i>	G1621063	WY (0.44 L)	88	27.3
Carbon Dioxide			< 0.5	
Carbon Monoxide			< 0.1	
Methane			< 0.5	
Nitrogen			< 2.0	
Oxygen			< 1.0	
Water			< 2.0	

Gas Grade Purity Specifications	Product Code	Cylinder Size	Grams Deliverable to 5 Torr	Liters Deliverable to 5 Torr
Arsine SDS®3	G2670661	JY (2.5 L)	835	258.7
Gas Purity ≥ 99.9995%	G2671625	UY (7.6 L)	2505	776
<i>Specifications</i>				
Carbon Dioxide			≤ 0.5	
Carbon Monoxide			≤ 0.1	
Methane			≤ 0.5	
Nitrogen			≤ 2.0	
Oxygen			≤ 1.0	
Water			≤ 2.0	

A lot analysis for SDS® products will be provided on request. Specifications based on Source Gas.

Fill pressure is 650 TORR at 70°F (21°C) and not to exceed 700 TORR at 70°F (21°C). Cylinder connection is 0.5" (1/2") VCR.

SDS®2 refers to Carbon adsorbent.

NOTE: Arsine SDS1 (Zeolite) has been discontinued since July 1998.

Shelf life: 2 years for Arsine SDS®2

5 years for Arsine SDS®3



Enriched Boron Trifluoride SDS®2 & SDS®3

Gas Grade Purity Specifications	Product Code	Cylinder Size	Grams Deliverable to 20 Torr	Liters Deliverable to 20 Torr
Boron Trifluoride SDS®2 (Enriched)	G1627925	UY (6.6 L)	390	139.4
Gas Purity ≥ 99.9%	G1627961	JY (2.2 L)	130	46.5
¹¹BF₃ ≥ 99.7% (atomic wt. %)	G1627963	WY (0.44 L)	26	9.3
<i>Specifications</i>				
Argon				ppmv < 25
Carbon Dioxide				< 25
Hydrogen Fluoride				< 25
Nitrogen				< 25
Oxygen				< 25
Sulfur Dioxide				< 25
Gas Grade Purity Specifications	Product Code	Cylinder Size	Grams Deliverable to 5 Torr	Liters Deliverable to 5 Torr
Boron Trifluoride SDS®3 (Enriched)	G2670861	JY (2.5 L)	330	118
Gas Purity ≥ 99.9%	G2671825	UY (7.6 L)	990	354.1
¹¹BF₃ ≥ 99.7% (atomic wt. %)				
<i>Specifications</i>				
Argon				ppmv ≤ 25
Carbon Dioxide				≤ 25
Hydrogen Fluoride				≤ 25
Nitrogen				≤ 25
Oxygen				≤ 25
Sulfur Dioxide				≤ 25

A lot analysis for SDS® products will be provided on request. Specifications based on Source Gas.

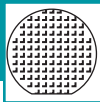
Fill pressure is 650 TORR at 70°F (21°C) and not to exceed 700 TORR at 70°F (21°C). Cylinder connection is 0.25" (1/4") VCR.

SDS®2 refers to Carbon adsorbent.

NOTE: BF₃ SDS®2 is only available in Carbon adsorbent.

Shelf life: 2 years for Boron Trifluoride SDS®2

5 years for Boron Trifluoride SDS®3



Germanium Tetrafluoride SDS®2

Gas Grade Purity Specifications	Product Code	Cylinder Size	Grams Deliverable to 20 Torr	Liters Deliverable to 20 Torr
Germanium Tetrafluoride SDS®2	G265858	JY (2.2 L)	620	101.0
Gas Purity ≥ 99.9%	G265859	WY (0.44 L)	120	19.5
<i>Specifications</i>				
Argon				ppmv < 25
Carbon Dioxide				< 25
Hydrogen Fluoride				< 25
Nitrogen				< 25
Oxygen				< 25
Sulfur Dioxide				< 25

A lot analysis for SDS® products will be provided on request. Specifications based on Source Gas.

Fill pressure is 650 TORR at 70°F (21°C) and not to exceed 700 TORR at 70°F (21°C). Cylinder connection is 0.25" (1/4") VCR.

SDS®2 refers to Carbon adsorbent.

NOTE: GeF₄ SDS®2 is only available in Carbon adsorbent.

Shelf life: 2 years

Hydrogen Selenide SDS®2

Gas Grade Purity Specifications	Product Code	Cylinder Size	Grams Deliverable to 20 Torr	Liters Deliverable to 20 Torr
Hydrogen Selenide SDS®2 (Carbon)	G2659390	JY (2.2 L)	550	164.0
Gas Purity ≥ 99.99%	G2659572	WY (0.44 L)	105	31.3
<i>Specifications</i>				
Hydrogen Sulfide				ppm < 10
Nitrogen				< 5
Oxygen				< 5
THC (as Methane)				< 1
Water				< 100

A lot analysis for SDS® products will be provided on request. Specifications based on Source Gas.

Fill pressure is 500 TORR at 70°F (21°C) and not to exceed 700 TORR at 70°F (21°C). Cylinder connection is 0.5" (1/2") VCR.

SDS®2 refers to Carbon adsorbent.

Shelf life: 1.5 years (18 months)

