

Ammonia | NH_3

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA
Argon, Helium or Nitrogen	* 5 - 999 ppm	AL-150s AL-80s AL-30s			138 75 28	705
	0.1 – 49 %	AL-150s AL-80s AL-30s			138 75 28	705
Air	* 5 - 999 ppm	AL-150s AL-80s AL-30s			138 75 28	705
	0.1 – 11.25 %	AL-150s AL-80s AL-30s			138 75 28	705

* = +/-20% certification.

Reduced pressure and volume apply above 2.85 % mole.

3 month shelf life.

Extended lead times may be required.

Recommended Regulator : APG-3-Delivery Pressure-CGA indicated above

Notes :

Argon | Ar

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA
Helium or Nitrogen	50 - 999 ppm	200 40			208 37	580
	0.1 % - Up	200 40			208 37	580
Air	50 - 999 ppm	200 40			208 37	590
	0.1 % - Up	200 40			208 37	590

Notes :

Recommended Regulator : LABE-3-Delivery Pressure-CGA indicated above



Benzene | C₆H₁₄

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA
Argon, Helium or Nitrogen	5 – 999 ppm	AL-150 AL-80 AL-30			138 75 28	350
	0.1 – 49 %	AL-150 AL-80 AL-30			138 75 28	350
Air	5 - 999 ppm	AL-150 AL-80 AL-30			138 75 28	590
	0.1 – 0.975 %	AL-150 AL-80 AL-30			138 75 28	590

Notes : Reduced pressure and Contents apply above 200 ppm mole, or in Air
Recommended Regulator : LABE-3-Delivery Pressure-CGA indicated above

Butane | C₄H₁₀

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA
Argon, Helium or Nitrogen	5 – 999 ppm	200 40			208 37	350
	0.1 – 49 %	200 40			208 37	350
Air	5 - 999 ppm	200 40			208 37	590
	0.1 – 1.35 %	200 40			208 37	590

Notes : Reduced pressure and volume apply above 0.68 % mole, or in Air
Recommended Regulator : LABE-3-Delivery Pressure-CGA indicated above



Carbon dioxide | CO₂

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA
Argon, Helium or Nitrogen	5 – 999 ppm	AL-150 AL-80 AL-30			138 75 28	580
	0.1 – 49 %	200 40			208 37	580
Air	5 - 999 ppm	AL-150 AL-80 AL-30			138 75 28	590
	0.1 – 49 %	200 40			208 37	590

Notes : Reduced pressure and volume apply above 31 % mole
Recommended Regulator : LABE-3-Delivery Pressure-CGA indicated above

Carbon monoxide | CO

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA
Argon, Helium or Nitrogen	5 – 999 ppm	AL-150 AL-80 AL-30			138 75 28	350
	0.1 – 49 %	AL-150 AL-80 AL-30			138 75 28	350
Air	50 - 999 ppm	AL-150 AL-80 AL-30			138 75 28	590
	0.1 – 9.375 %	AL-150 AL-80 AL-30			138 75 28	590

Notes : Reduced pressure and volume apply in Air above 3 % mole
Recommended Regulator : LABE-3-Delivery Pressure-CGA indicated above

Carbonyl sulfide | COS

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA
Argon, Helium or Nitrogen	5 – 999 ppm	AL-150s AL-80s AL-30s			138 75 28	330

Notes : Extended lead times may be required.
Recommended Regulator : APG-3-Delivery Pressure-CGA indicated above



Chlorine | Cl₂

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA
Argon, Helium or Nitrogen	* 10 – 999 ppm	AL-150s AL-80s AL-30s			138 75 28	330
	** 0.1 – 49 %	200s 40s			208 37	330

Notes :

* = +/-20% certification.
 ** = +/-10% certification.
 Reduced pressure and volume apply above 2.45 % mole.
 3 month shelf life
 Extended lead times may be required.
 Recommended Regulator : APG-3-Delivery Pressure-CGA indicated above

Ethane | C₂H₆

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA
Argon, Helium or Nitrogen	5 - 999 ppm	200 40			208 37	350
	0.1 – 49 %	200 40			208 37	350
Air	5 - 999 ppm	200 40			208 37	590
	0.1 – 2.25 %	200 40			208 37	590

Notes :

Reduced pressure and volume apply above 18.65 % mole or in Air.
 Recommended Regulator : LABE-3-Delivery Pressure-CGA indicated above



Ethylene | C₂H₄

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA
Argon, Helium or Nitrogen	5 - 999 ppm	200 40			208 37	350
	0.1 – 49 %	200 40			208 37	350
Air	5 - 999 ppm	200 40			208 37	590
	0.1 – 2.025 %	200 40			208 37	590

Notes :

Reduced pressure and volume apply in Air.
Recommended Regulator : LABE-3-Delivery Pressure-CGA indicated above

Ethylene oxide | C₂H₄O

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA
Air, Argon, Helium or Nitrogen	100 - 999 ppm	200 40			208 37	350
	0.1 – 2.25 %	200 40			208 37	350

Notes :

Reduced pressure and volume apply above 0.2 % mole or in Air.
Recommended Regulator : LABE-3-Delivery Pressure-CGA indicated above



Helium | He

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA
Argon or Nitrogen	100 – 999 ppm	200 40			208 37	580
	0.1 – 49 %	200 40			208 37	580
Air	100 – 999 ppm	200 40			208 37	590
	0.1 – 49 %	200 40			208 37	590

Notes :

Recommended Regulator : LABE-3-Delivery Pressure-CGA indicated above

Hexane | C₆H₁₄

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA
Argon, Helium or Nitrogen	5 – 999 ppm	AL-150 AL-80 AL-30			138 75 28	350
	0.1 – 49 %	AL-150 AL-80 AL-30			138 75 28	350
Air	5 - 999 ppm	AL-150 AL-80 AL-30			138 75 28	590
	0.1 – 0.9 %	AL-150 AL-80 AL-30			138 75 28	590

Notes :

Reduced pressure and Contents apply above 350 ppm mole, or in Air
Recommended Regulator : LABE-3-Delivery Pressure-CGA indicated above



Hydrogen | H₂

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA
Argon, Helium or Nitrogen	100 – 999 ppm	200 40			208 37	350
	0.1 – 49 %	200 40			208 37	350
Air	100 - 999 ppm	200 40			208 37	590
	0.1 – 3 %	200 40			208 37	590

Notes :

Recommended Regulator : LABE-3-Delivery Pressure-CGA indicated above

Hydrogen chloride | HCl

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA
Air, Argon, Helium or Nitrogen	* 5 – 999 ppm	AL-150s AL-80s AL-30s			138 75 28	330
	** 0.1 – 49 %	200s 40s			208 37	330

* = +/-20% certification.

** = +/-10% certification.

Notes :

Reduced pressure and volume apply above 20 % mole.
3 month shelf life

Extended lead times may be required.

Recommended Regulator : APG-3-Delivery Pressure-CGA indicated above

Hydrogen sulfide | H₂S

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA
Argon, Helium or Nitrogen	5 – 999 ppm	AL-150s AL-80s AL-30s			138 75 28	330
	0.1 – 13.5 %	AL-150s AL-80s AL-30s			138 75 28	330

Notes :

Reduced pressure and volume apply above 7.4 % mole.

Recommended Regulator : APG-3-Delivery Pressure-CGA indicated above



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Isobutane | C₄H₁₀

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA
Argon, Helium or Nitrogen	5 - 999 ppm	200 40			208 37	350
	0.1 - 49 %	200 40			208 37	350
Air	5 - 999 ppm	200 40			208 37	590
	0.1 - 1.35 %	200 40			208 37	590

Notes : Reduced pressure and volume apply above 1 % mole, or in Air.
Recommended Regulator : LABE-3-Delivery Pressure-CGA indicated above

Methane | CH₄

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA
Argon, Helium or Nitrogen	5 - 999 ppm	200 40			208 37	350
	0.1 - 49 %	200 40			208 37	350
Air	5 - 999 ppm	200 40			208 37	590
	0.1 - 3.75 %	200 40			208 37	590

Notes : Reduced pressure and volume apply in Air.
Recommended Regulator : LABE-3-Delivery Pressure-CGA indicated above



Methyl chloride | CCl4

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA
Argon, Helium or Nitrogen	5 - 999 ppm	200 40			208 37	350
	0.1 – 49 %	200 40			208 37	350
Air	5 - 999 ppm	200 40			208 37	590
	0.1 – 5.25 %	200 40			208 37	590

Notes : Reduced pressure and volume apply above 1.7 % mole, or in Air.
Recommended Regulator : LABE-3-Delivery Pressure-CGA indicated above

Nitric oxide | NO

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA
Argon, Helium or Nitrogen	50- 999 ppm	AL-150s AL-80s AL-30s			138 75 28	660

Notes : Recommended Regulator : APG-3-Delivery Pressure-CGA indicated above

Nitrogen | N2

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA
Helium	50- 999 ppm	200 40			208 37	580
	0.1 – 49 %	200 40			208 37	580

Notes : Recommended Regulator : LABE-3-Delivery Pressure-CGA indicated above



Oxygen | O₂

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA	
Argon, Helium or Nitrogen	10- 999 ppm	200			208	580	
		80			76		
		40			37		
	1000 ppm – 5 %	200				208	580
		80				76	
		40				37	
	5.01 -23 %	200				208	590
		80				76	
		40				37	
	23.01 % - up	200				208	296
		80				76	
		40				37	

Notes :

Recommended Regulator : LABE-3-Delivery Pressure-CGA indicated above

Propane | C₃H₈

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA	
Argon, Helium or Nitrogen	5 - 999 ppm	200			208	350	
		40			37		
	0.1 – 49 %	200				208	350
		40				37	
Air	5 - 999 ppm	200			208	590	
		40			37		
	0.1 – 1.57 %	200				208	590
		40				37	

Notes :

Reduced pressure and volume apply above 0.53 % mole, or in Air.
Recommended Regulator : LABE-3-Delivery Pressure-CGA indicated above



Propylene | C₃H₆

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA
Argon, Helium or Nitrogen	5 - 999 ppm	200 40			208 37	350
	0.1 – 49 %	200 40			208 37	350
Air	5 - 999 ppm	200 40			208 37	590
	0.1 – 1.8 %	200 40			208 37	590

Notes : Reduced pressure and volume apply above 0.6 % mole, or in Air.
Recommended Regulator : LABE-3-Delivery Pressure-CGA indicated above

Sulfur Dioxide | SO₂

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA
Air, Argon, Helium or Nitrogen	50- 999 ppm	AL-150s AL-80s AL-30s			138 75 28	660
	0.1 – 49 %	AL-150s AL-80s AL-30s			138 75 28	660

Notes : Reduced pressure and volume apply above 0.96 % mole.
Recommended Regulator : APG-3-Delivery Pressure-CGA indicated above



Sulfur hexafluoride | SF₆

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA
Argon, Helium or Nitrogen	50- 999 ppm	200 40			208 37	580
	0.1 – 49 %	200 40			208 37	580
Air	50- 999 ppm	200 40			208 37	590
	0.1 – 49 %	200 40			208 37	590

Notes :

Recommended Regulator : LABE-3-Delivery Pressure-CGA indicated above

Toluene | C₇H₁₄

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA
Argon, Helium or Nitrogen	5 – 999 ppm	AL-150 AL-80 AL-30			138 75 28	350
	0.1 – 49 %	AL-150 AL-80 AL-30			138 75 28	350
Air	5 - 999 ppm	AL-150 AL-80 AL-30			138 75 28	590
	0.1 – 0.9 %	AL-150 AL-80 AL-30			138 75 28	590

Notes :

Reduced pressure and Contents apply above 70 ppm mole, or in Air
Recommended Regulator : LABE-3-Delivery Pressure-CGA indicated above



Vinyl chloride | C₂CL₂

Background	Concentration (molar)	Cylinder Size	Primary (USD)	Certified (USD)	Est. Contents (cubic feet)	CGA
Argon, Helium or Nitrogen	5 – 999 ppm	AL-150 AL-80 AL-30			138 75 28	350
	0.1 – 0.49 %	AL-150 AL-80 AL-30			138 75 28	350
	0.5 – 49 %	200 40			208 37	350
Air	5 - 999 ppm	AL-150 AL-80 AL-30			138 75 28	590
	0.1 – 0.49 %	AL-150 AL-80 AL-30			138 75 28	590
	0.5 – 2.7%	200 40			208 37	590

Notes :

Reduced pressure and Contents apply above 1.29% mole, or in Air
Recommended Regulator : LABE-3-Delivery Pressure-CGA indicated above

