

Hydrogen Sulfide (H₂S)

- Other balance gases and cylinder sizes are available upon request.
- Concentrations over 9% are provided at reduced pressure and volume.

Hydrogen Sulfide in Air			Pricing Reference Number			Equipment Recommendations		
Concentration	Cylinder Size	Contents ft ³	Primary Standard	Certified Standard	Batch Analysis	Description Product Number	Delivery Pressure Range (psig)	Page Number
1 - 99 ppm	150A	146	AIEPHSA	AIECHSA	N/A	Two-Stage Regulators Y12-E444 * 330	A = 0-25 B = 0-50 D = 0-100 E = 0-150	E30
	80A	77	AIFPHSA	AIFCHSA	N/A			
	33A	33	AIGPHSA	AIGCHSA	N/A			
100 - 999 ppm	150A	146	AIEPHSB	AIECHSB	N/A	Single-Stage Regulators Y11-E444 * 330		E30
	80A	77	AIFPHSB	AIFCHSB	N/A			
	33A	33	AIGPHSB	AIGCHSB	N/A			
Can not exceed 999 ppm in Air. Primary Standards available for concentrations greater than 5 ppm. Standard Valve Outlet: CGA 330 Certificate of Analysis included.						Cross Purge Y99-CPA4330		E45
						Tea Purge Y99-TP4C330		E46
						* Insert Delivery Pressure Range Code		

Hydrogen Sulfide in Helium			Pricing Reference Number			Equipment Recommendations		
Concentration	Cylinder Size	Contents ft ³	Primary Standard	Certified Standard	Batch Analysis	Description Product Number	Delivery Pressure Range (psig)	Page Number
1 - 99 ppm	150A	132	HEEPHSA	HEECHSA	N/A	Two-Stage Regulators Y12-E444 * 330	A = 0-25 B = 0-50 D = 0-100 E = 0-150	E30
	80A	70	HEFPHSA	HEFCHSA	N/A			
	33A	30	HEGPHSA	HEGCHSA	N/A			
100 - 9999 ppm	150A	132	HEEPHSB	HEECHSB	N/A	Single-Stage Regulators Y11-E444 * 330		E30
	80A	70	HEFPHSB	HEFCHSB	N/A			
	33A	30	HEGPHSB	HEGCHSB	N/A			
1 - 9%	200	196	HEBPHSC	HEBCHSC	N/A	Cross Purge Y99-CPA4330		E45
	150A	132	HEEPHSC	HEECHSC	N/A			
	80	77	HECPHSC	HECCHSC	N/A			
	35	30	HEDPHSC	HEDCHSC	N/A			
Primary Standards available for concentrations greater than 5 ppm. Standard Valve Outlet: CGA 330 Certificate of Analysis included.						* Insert Delivery Pressure Range Code		

Hydrogen Sulfide in Hydrogen			Pricing Reference Number			Equipment Recommendations		
Concentration	Cylinder Size	Contents ft ³	Primary Standard	Certified Standard	Batch Analysis	Description Product Number	Delivery Pressure Range (psig)	Page Number
1 - 99 ppm	150A	132	HYEPHSA	HYECHSA	N/A	Two-Stage Regulators Y12-E444 * 330	A = 0-25 B = 0-50 D = 0-100 E = 0-150	E30
	80A	70	HYFPHSA	HYFCHSA	N/A			
	33A	30	HYGPHSA	HYGCHSA	N/A			
100 - 9999 ppm	150A	132	HYEPHSB	HYECHSB	N/A	Single-Stage Regulators Y11-E444 * 330		E30
	80A	70	HYFPHSB	HYFCHSB	N/A			
	33A	30	HYGPHSB	HYGCHSB	N/A			
1 - 9%	200	196	HYBPHSC	HYBCHSC	N/A	Cross Purge Y99-CPA4330		E45
	150A	132	HYEPHSC	HYECHSC	N/A			
	80	77	HYCPHSC	HYCCHSC	N/A			
	35	30	HYDPHSC	HYDCHSC	N/A			
Primary Standards available for concentrations greater than 5 ppm. Standard Valve Outlet: CGA 330 Certificate of Analysis included.						* Insert Delivery Pressure Range Code		

Hydrogen Sulfide (H₂S) Cont.

- Other balance gases and cylinder sizes are available upon request.
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Hydrogen Sulfide in Methane			Pricing Reference Number			Equipment Recommendations				
Concentration	Cylinder Size	Contents ft ³	Primary Standard	Certified Standard	Batch Analysis	Description Product Number	Delivery Pressure Range (psig)	Page Number		
1 - 99 ppm	150A	160	MEEPHAS	MEECHAS	N/A	Two-Stage Regulators Y12-E444 * 330 Single-Stage Regulators Y11-E444 * 330 Cross Purge Y99-CPA4330 Tee Purge Y99-TP4C330	A = 0-25 B = 0-50 D = 0-100 E = 0-150	E30		
	80A	85	MEFPHAS	MEFCHAS	N/A					
	33A	36	MEGPHAS	MEGCHAS	N/A					
100 - 9999 ppm	150A	160	MEEPHSB	MEECHSB	N/A					E30
	80A	85	MEFPHSB	MEFCHSB	N/A					
	33A	36	MEGPHSB	MEGCHSB	N/A					
1 - 9%	200	241	MEBPHSC	MEBCHSC	N/A					E45
	150A	162	MEEPHSC	MEECHSC	N/A					
	80	95	MECPHSC	MECCHSC	N/A					
	35	37	MEDPHSC	MEDCHSC	N/A					
Primary Standards available for concentrations greater than 5 ppm. Standard Valve Outlet: CGA 330 Certificate of Analysis included.								* Insert Delivery Pressure Range Code		

Hydrogen Sulfide in Nitrogen			Pricing Reference Number			Equipment Recommendations				
Concentration	Cylinder Size	Contents ft ³	Primary Standard	Certified Standard	Batch Analysis	Description Product Number	Delivery Pressure Range (psig)	Page Number		
1 - 99 ppm	150A	144	NIEPHAS	NIECHAS	N/A	Two-Stage Regulators Y12-E444 * 330 Single-Stage Regulators Y11-E444 * 330 Cross Purge Y99-CPA4330 Tee Purge Y99-TP4C330	A = 0-25 B = 0-50 D = 0-100 E = 0-150	E30		
	80A	77	NIFPHAS	NIFCHAS	N/A					
	33A	33	NIGPHAS	NIGCHAS	N/A					
100 - 9999 ppm	150A	144	NIEPHSB	NIECHSB	N/A					E30
	80A	77	NIFPHSB	NIFCHSB	N/A					
	33A	33	NIGPHSB	NIGCHSB	N/A					
1 - 9%	200	220	NIBPHSC	NIBCHSC	N/A					E45
	150A	148	NIEPHSC	NIECHSC	N/A					
	80	87	NICPHSC	NICCHSC	N/A					
	35	34	NIDPHSC	NIDCHSC	N/A					
Primary Standards available for concentrations greater than 5 ppm. Standard Valve Outlet: CGA 330 Certificate of Analysis included.								* Insert Delivery Pressure Range Code		

Technical Data & Shipping Information	
Cylinder Pressure	2000 psig
U.S. DOT Class:	
In CH ₄	2.1
All Others	2.2
U.S. DOT Label:	
In CH ₄	Flammable Gas
All Others	Nonflammable Gas
ID Number:	
In CH ₄	UN1954
All Others	UN1956