

n-Butane C_4H_{10}

C_4H_{10} in Air CGA 590

Grade	Concentration	Cylinder Size	Contents cu. ft.	Pressure psig @ 70° F	Recommended Pressure Regulator Type	Pressure Regulator Series	Page	
Primary	50 ppm - 0.9%	K	214	2000	Two-stage	Model 600	122	
					Single-stage	Model 600	121	
Certified	100 - 999 ppb	KAL	144	2000	Two-stage	Model 600	122	
		GAL	29	2000				
		1 - 49 ppm	K	214				2000
			Q	78				2000
	50 - 999 ppm	G	33	2000				
		K	214	2000				
			Q	78				2000
		0.1 - 0.9%	G	33				2000
	K		214	2000				
			Q	78				2000
	G		33	2000				
		Unanalyzed	50 - 999 ppm	K				214
Q	78			2000				
G	33			2000				
0.1 - 0.9%	K			214	2000			
	Q		78	2000				
	G		33	2000				
			Single-stage	Model 600	121			

n-Butane in Air is available only to 0.9% concentration.

Mixtures of n-butane in Air above 0.28% are produced at reduced pressures and volumes for safety considerations.

C_4H_{10} in Helium CGA 350

Grade	Concentration	Cylinder Size	Contents cu. ft.	Pressure psig @ 70° F	Recommended Pressure Regulator Type	Pressure Regulator Series	Page	
Primary	50 ppm - 0.9%	K	200	2000	Two-stage	Model 600	122	
					Single-stage	Model 600	121	
Certified	100 - 999 ppb	KAL	135	2000	Two-stage	Model 600	122	
		GAL	27	2000				
		1 - 49 ppm	K	200				2000
			Q	73				2000
	50 - 999 ppm	G	32	2000				
		K	200	2000				
			Q	73				2000
		0.1 - 0.9%	G	32				2000
	K		200	2000				
			Q	73				2000
	G		32	2000				
		Unanalyzed	50 - 999 ppm	K				200
Q	73			2000				
G	32			2000				
0.1 - 0.9%	K			200	2000			
	Q		73	2000				
	G		32	2000				
			Single-stage	Model 600	121			

Concentrations above 0.9% are available at reduced pressures and volumes to minimize the potential of butane condensation.