

Blood Gas Mixtures

Calibration of research and clinical blood gas analyzers

Formula:	Mixtures of O ₂ -N ₂ , CO ₂ -O ₂ -N ₂ , CO ₂ -O ₂ , CO ₂ -N ₂ *
Trade Name:	Clinical Blood Gas Mixtures
Product Name:	Compressed gases, n.o.s. (nitrogen, oxygen) or (nitrogen, carbon dioxide)/Compressed gas, oxidizing, n.o.s. (oxygen, nitrogen) or (oxygen, carbon dioxide)
Shipping Information:	CAS Registry Number UN 1956 UN 3156 (mixture above 23.5% O ₂)
DOT Proper Shipping Name:	Compressed gases, n.o.s. (nitrogen, oxygen) or (nitrogen, carbon dioxide)/Compressed gas, oxidizing, n.o.s. (oxygen, nitrogen) or (oxygen, carbon dioxide)
DOT Classification:	2.2
DOT Label:	Nonflammable Gas

Cylinder Specifications

Cylinder Size	Content		Valve Outlet CGA No.
	Cubic Feet	Liters	
H	285	8,000	500
G	190	5,380	500
M	94	1,970	500
E	20	575	973
D	12	350	973

*Typical mixtures include 5% CO₂/balance N₂, 10% CO₂/balance N₂, 5% CO₂/12% O₂/balance N₂, 8% CO₂/12% O₂/balance N₂, 12% CO₂/21% O₂/balance N₂.
Different blend and analytical specifications apply based on concentration.