

Aluminum containers suitable for reactive gas mixtures include 76, 58, and 34- liter capacities and are recommended for mixtures that are not stable in steel cylinders. Typical components blended in these packages include ammonia, chlorine, hydrogen sulfide, nitric oxide, nitrogen dioxide and sulfur dioxide.

Gas mixtures are certified to an analytical accuracy as follows:

- 5 - 24 ppm ±10% of the minor components
- 25 - 300 ppm ±5% of the minor components

Reactive Gas Mixtures					
Component/ Concentration	Reference Number		Containers		
	Air Balance	Nitrogen Balance	D76	D58	D34A
Ammonia	AI AMNRC	NI AMNRC			
10 ppm	X	X		X	X
25 ppm	X	X		X	X
50 ppm	X	X		X	X
Benzene	AI BZNRC	NI BZNRC			
5 ppm	X	X		X	X
10 ppm	X	X		X	X
25 ppm	X	X		X	X
50 ppm	X	X		X	X
100 ppm	X	X		X	X
BTEX (Benzene, Toluene, Ethylbenzene, O-Xylene)		NI BTEXNRC			
10 ppm		X		X	
20 ppm		X		X	
Chlorine		NI CLNRC			
5 ppm		X		X	X
10 ppm		X		X	X
Ethylene Oxide		NI EONRC			
10 ppm		X		X	
50 ppm		X		X	
Hydrogen Cyanide		NI HRNRC			
5 ppm		X	X	X	X
10 ppm		X	X	X	X
Hydrogen Sulfide	NI HSNRC				
5 ppm	X	X		X	
10 ppm	X	X		X	X
20 ppm	X	X		X	X
25 ppm	X	X	X	X	X
30 ppm	X	X		X	X
35 ppm	X	X		X	X
40 ppm	X	X		X	X
50 ppm	X	X	X	X	X

Reactive Gas Mixtures					
Component/ Concentration	Reference Number		Containers		
	Air Balance	Nitrogen Balance	D76	D58	D34A
Nitric Oxide		NI NONRC			
5 ppm		X			X
10 ppm		X	X	X	X
25 ppm		X	X	X	X
50 ppm		X	X	X	X
80 ppm		X		X	
100 ppm		X		X	
800 ppm		X		X	
Nitrogen Dioxide	AI NXNRC	NI NXNRC			
5 ppm	X	X	X	X	
10 ppm	X	X	X	X	X
25 ppm	X	X	X		X
30 ppm	X	X	X		
Phosphine		NI PHNRC			
0.5 ppm		X	X	X	
1.0 ppm		X	X	X	X
5.0 ppm		X		X	X

Typical concentrations noted. Inquire for other mixtures and styles. When ordering, combine the Reference Number with the desired container style identification to obtain the complete part number. Please specify desired concentration.

NI NONRC-D34A

↑ Reference Number ↑ Cylinder Style

Multi-Component Hydrogen Sulfide Mixtures										
Concentrations						Reference Number		Containers		
H ₂ S	CO	Methane	Oxygen	Pentane	Propane	Air Balance	Nitrogen Balance	D76	D58	D34
25 ppm	50 ppm	2.5% (50%LEL)				AI HS24NRC			X	X
25 ppm	100 ppm	2.5% (50%LEL)				AI HS24NRC			X	X
25 ppm	50 ppm	2.5% (50%LEL)	19%				NI HS24NRC		X	X
10 ppm	25 ppm		19%	.35% (25%LEL)			NI HS25NRC		X	X
25 ppm	50 ppm		19%	.35% (25%LEL)			NI HS25NRC		X	X
25 ppm	100 ppm		19%	.35% (25%LEL)			NI HS25NRC		X	X
25 ppm	50 ppm				1.05% (50% LEL)	AI HS23NRC			X	X
25 ppm	50 ppm		18%		1.05% (50% LEL)		NI HS23NRC		X	X

Contact your Praxair representative for custom calibration kits, carrying cases, and other field calibration accessories.