

Lung Diffusion Mixtures

Calibration of lung-function analyzers

| | |
|---------------------------|---|
| Formula: | Mixture of CO-Ne-C ₂ H ₂ -O ₂ -N ₂ -He* |
| Trade Name: | Lung Diffusion Mixture |
| Product Name | Compressed gases,n.o.s. (carbon monoxide, neon, acetylene,oxygen,helium and nitrogen) |
| Shipping Information: | CAS Registry Number UN 1956 |
| DOT Proper Shipping Name: | Compressed gases,n.o.s. (carbon monoxide, neon, acetylene,oxygen,helium and nitrogen) |
| DOT Classification: | 2.2 |
| DOT Label: | Nonflammable Gas |

Cylinder Specifications

| Cylinder Size | Content | | Valve Outlet CGA No. |
|---------------|------------|--------|-------------------------|
| | Cubic Feet | Liters | |
| H | 260 | 7,300 | 500 |
| G | 175 | 4,956 | 500 |
| M | 87 | 2,464 | 500 |
| E | 19 | 538 | 973 |
| D | 11 | 317 | 973 |

*Typical mixtures include 0.1% CO/21% O₂ balance N₂, 0.3% CO/10% He/10%O₂/balance N₂/0.3% CO/0.5% Ne/21% O₂/balance N₂,0.39%CO/0.5%Ne/21%O₂/balance N₂
Different blend and analytical specifications apply based on concentration.