

Nitrous Oxide (N₂O)

Overview:

It is a colorless non-flammable gas, with a pleasant, slightly-sweet odor. It is used in surgery and dentistry for its anesthetic and analgesic effects, where it is commonly known as laughing gas due to the euphoric effects on inhaling.

Purity Specification	Min. Purity	Impurities
Medical Grade	>99%	<1%

NFPA Rating			
1	0	0	OX

Hazard Sign



Product Details	Products Specifications						Cylinder Information		
	Cylinder Size	Cylinder Volume	Contents	Standard Valve -- Outlet (CGA)	Product Number	Purity	CAS Number	Cylinder Color	Identification Number
Medical Grade	E	5 Ltr.	2 KG	326/Pin 910	DG003G	>99%	10024-97-2	Dark Blue	UN 1070
	K	40 Ltr.	25 KG	326	DG003G	>99%	10024-97-2		UN 1070

* Certificate of Conformance will be provided upon request.

Technical Data & Transporting Information

Appearance	Colorless gas.
Odor	Slightly sweet.
Physical State	Gas at temperature and pressure.
Melting Point at 1 atm	-90.82°C (-131.48°F)
Boiling Point at 1 atm	-88.48°C (-127.26°F).
Flammability	Oxidizer.
DOT Name	Nitrous Oxide.
DOT Hazard Class	2.2
DOT Label	Nonflammable Gas & Oxidizer.
Molecular Formula	N ₂ O

Cylinder Color

