



Matheson Tri-Gas, Inc.  
909 Lake Carolyn Parkway  
Irving, TX 75039

## Medical Grade Nitrous Oxide

This certifies that all product labeled as Nitrous Oxide, USP provided by Matheson Tri-Gas meets and exceeds the USP monograph for Medical Grade Nitrous Oxide.

CHARACTERISTIC	CGA G-8.2 QVL A	UNITED STATES PHARMACOPEIA (USP)	MATHESON MEDICAL GRADE
	MEDICAL		
Nitrous Oxide (min)	99.0 %	NLT 99.0 %	≥ 99.2 %
Air	1.0 %	NMT 1.0 %	≤ 0.8 %
Ammonia	25 ppm	NMT 0.0025 %	≤ 25 ppm
Carbon Dioxide	300 ppm	NMT 0.03 %	≤ 300 ppm
Carbon Monoxide	10 ppm	NMT 0.001 %	≤ 10 ppm
Halogens (Chlorine)	1 ppm	NMT 1 ppm	≤ 1 ppm
Nitric Oxide	1 ppm	NMT 1 ppm	≤ 1 ppm
Nitrogen Dioxide	1 ppm	NMT 1 ppm	≤ 1 ppm
Water	200 ppm	NMT 150 mg/m <sup>3</sup>	≤ 150 mg/m <sup>3</sup>
Identity	Pass	Pass	Pass

Certified By (if applicable):

Date: