

Transportation Information

UN Number: 1066



Shipping Name	United States of America	Canada	Mexico
Nitrogen, Compressed	Nitrogen, Compressed	Nitrogen, Compressed	Nitrogen, Compressed
Hazard Class	2.2	2.2	2.2
Label	Nonflammable Gas	Nonflammable Gas	Nonflammable Gas

Formula

N₂

MSDS Reference

P-4631

CAS Number

7727 - 37 - 9

General Description

Colorless, odorless, nonflammable inert gas.

Product and Package Information

Part Number	Product Grade	Quality Assay/ Specification	Cylinder Style	Content ft ³ /m ³	Regulator Recommendations See Section F, Page 2
NI 6.0RS	6.0 Research	99.9999 %*	AS	142/3.94	400 Series: Non-corrosive
		O ₂ < 0.5 ppm H ₂ O < 0.2 ppm CO ₂ < 0.1 ppm CO < 0.1 ppm CH ₄ < 0.1 ppm	AQ	82/2.27	
NI 5.5CE	5.5 Continuous Emission Monitoring Zero	99.9995 %*	AS	142/3.94	400 Series: Non-corrosive
		O ₂ < 0.5 ppm H ₂ O < 2 ppm CO ₂ < 1 ppm CO < 0.5 ppm THC < 0.05 ppm NO _x < 0.01 ppm SO ₂ < 0.01 ppm	AQ	82/2.27	
NI 5.5EC	5.5 Electron Capture Detector	99.9995 %*	AS	142/3.94	400 Series: Non-corrosive
		H ₂ O < 2 ppm O ₂ < 1 ppm CO ₂ < 0.1 ppm CO < 0.1 ppm THC < 0.1 ppm Halocarbons < 500 ppt	T K	304/8.43 228/6.32	
The sum of O ₂ , CO ₂ , THC, as CH ₄ , H ₂ and H ₂ O < 6 ppm.					
NI 5.5TG	5.5 Trace Analytical*	99.9995 %*	T	304/8.43	400 Series: Non-corrosive
		H ₂ O < 2 ppm O ₂ < 1 ppm CO ₂ < 0.1 ppm CO < 1 ppm THC < 0.1 ppm Halocarbons < 500 ppt	K	228/6.32	
The sum of O ₂ , CO ₂ , THC, as CH ₄ , H ₂ and H ₂ O < 6 ppm.					
NI 5.5LS	5.5 <i>LaserStar™</i>	99.9995 %* H ₂ O < 1 ppm O ₂ < 1 ppm Halocarbons 2 < 50 ppt THC < 0.1 ppm	AT	250/6.93	600 Series: Non-corrosive

* Argon free basis.