

**NITROGEN - nitrogen gas**  
**Messer Gas Puerto Rico, Inc**

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**Nitrogen NF Bulk Liquid**

**WARNINGS AND PRECAUTIONS SECTION**

**Should the material not be delivered to a NF customer, the material is “Not Approved for Human Drug Use.”**

**PACKAGE LABEL.PRINCIPAL DISPLAY PANEL**

Messer  
 Gases for Life  
 Certificate of Analysis - Nitrogen NF  
 Product: Nitrogen NF

<b>Date</b>	
<b>Facility Name</b>	
<b>Facility Address</b>	
<b>Lot#</b>	<b>Batch #</b>

Final Analysis Results

<b>Analyzer #</b>	<b>Test/Units</b>	<b>NF Specs</b>	<b>Analysis Results</b>
<b>N/A</b>	<b>Odor</b>	<b>None</b>	
	<b>ppm O2</b>	<b>≤ 10,000 (Messer Spec ≤5.0)</b>	<b>ppm</b>
	<b>ppm CO</b>	<b>≤ 10.0</b>	<b>ppm</b>
	<b>ppm THC</b>	<b>N/A</b>	<b>ppm</b>
	<b>ppm H2O</b>	<b>N/A</b>	<b>ppm</b>
	<b>ppm CO2</b>	<b>N/A</b>	<b>ppm</b>
	<b>ppm H2</b>	<b>N/A</b>	<b>ppm</b>
<b>Assay Results</b>	<b>Nitrogen min %</b>	<b>≥ 99.0% (Messer Spec ≥99.999%)</b>	<b>%</b>

NT= not tested

<b>PPM O2 Method Used:</b>	<b>Manufacturer/Model #:</b>
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**This analyzer has been validated by Linde as acceptable alternatives to the official NF for Nitrogen Assay. Validation study documentation is maintained by Messer at the corporate offices.**

<b>Analyst</b>	<b>Date</b>	

<b>Quality Reviewer</b>	<b>Date</b>	

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**Certificate of Analysis - Nitrogen NF**

Product: Nitrogen NF

Date			
Facility Name			
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Assay Results	Nitrogen min %	≥99.0% (Messer Spec ≥99.999%)	%

NT = not tested

ppm O2 Method Used: \_\_\_\_\_ Manufacturer/ Model #: \_\_\_\_\_

ppm CO Method Used: \_\_\_\_\_ Manufacturer/ Model #: \_\_\_\_\_

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Analyst	Date

Quality Reviewer	Date

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**NITROGEN**

nitrogen gas

**Product Information**

<b>Product Type</b>	HUMAN PRESCRIPTION DRUG	<b>Item Code (Source)</b>	NDC:52374-016	
<b>Route of Administration</b>	RESPIRATORY (INHALATION)			
<b>Active Ingredient/Active Moiety</b>				
	<b>Ingredient Name</b>	<b>Basis of Strength</b>	<b>Strength</b>	
	Nitrogen (UNII: N762921K75) (Nitrogen - UNII:N762921K75)	Nitrogen	995 mL in 1 L	
<b>Packaging</b>				
<b>#</b>	<b>Item Code</b>	<b>Package Description</b>	<b>Marketing Start Date</b>	<b>Marketing End Date</b>
1	NDC:52374-016-20	25000 L in 1 TANK; Type 0: Not a Combination Product	01/01/1960	
<b>Marketing Information</b>				
<b>Marketing Category</b>	<b>Application Number or Monograph Citation</b>	<b>Marketing Start Date</b>	<b>Marketing End Date</b>	
NDA	NDA205816	01/01/1960		

**Labeler** - Messer Gas Puerto Rico, Inc (090044413)

**Registrant** - Messer Gas Puerto Rico, Inc (090044413)

### Establishment

Name	Address	ID/FEI	Business Operations
Messer Gas Puerto Rico, Inc		833254548	api manufacture(52374-016) , manufacture(52374-016)

Revised: 10/2023

Messer Gas Puerto Rico, Inc