NITROGEN - nitrogen gas Messer LLC

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Nitrogen NF Bulk Liquid

#### **WARNINGS 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

Certicate of Analysis - Nitrogen NF

Product: Nitrogen NF

Date	
Facility Name	
Facility Address	
Lot#	Batch #

## Final Analysis Results

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

NT= not tested

PPM O2 Method	Manufacturer/
Used:	Model #:
	Manufacturer/Model

PPM O2 Method Used:	#:

This analyzer has been validated by Messer as acceptable alternatives to the official NF for Nitrogen Assay. Validation study documentation is maintained by Messer at the corporate offices.

Analyst	Date
Quality Reviewer	Date

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



## Certificate of Analysis - Nitrogen NF

Product:	Nitrogen NF		
Date			
Facility Name			- A
Facility Address			
Lot #	34	Batch #	
Final Analysis Re	sults		
Analyzer#	Test / Units	NF Specs	Analysis Results
N/A	Odor	None	
	ppm O2	≤ 10,000 (Messer Spec ≤5.0)	ppm
	ppm CO	<u>&lt;</u> 10.0	ppm
	ppm THC	N/A	ppm
	ppm H20	N/A	ppm
	ppm CO2	N/A	ppm
	ppm H2	N/A	ppm
Assay Results	Nitrogen min %	≥99.0% (Messer Spec ≥99.999%)	%
not tested  ppm 02 Method  Jsed:  ppm CO Method		Manufacturer/ Model # :	
Used: : analyzers have been v	alidated by Messer as ac by Messer at the corpor	Model # : ceptable alternatives to the official ate offices.	NF for Nitrogen Assay. V
	Analyst		Date

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

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nitrogen gas

## **Product Information**

Product Type	HUMAN PRESCRIPTION DRUG	Item Code (Source)	NDC:52438-016
Route of Administration	RESPIRATORY (INHALATION)		

Active Ingredient/Active Moiety			
Ingredient Name	<b>Basis of Strength</b>	Strength	
Nitrogen (UNII: N762921K75) (Nitrogen - UNII:N762921K75)	Nitrogen	995 mL in 1 L	

Packaging			
# Item Code	Package Description	Marketing Start Date	Marketing End Date
1 NDC:52438-016	25000 L in 1 TANK; Type 0: Not a Combination Product	01/01/1960	

Marketing Information			
Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
NDA	NDA205766	01/01/1960	

# Labeler - Messer LLC (001368141)

# Registrant - Messer LLC (001368141)

Establishment				
Name	Address	ID/FEI	Business Operations	
Messer LLC		943812438	manufacture(52438-016), api manufacture(52438-016)	

Establishment				
Name	Address	ID/FEI	Business Operations	
Messer LLC		026946218	manufacture(52438-016), api manufacture(52438-016)	

Establishment					
Name	Address	ID/FEI	Business Operations		
Messer LLC		041268947	manufacture(52438-016) . api manufacture(52438-016)		

Establishment				
Name	Address	ID/FEI	Business Operations	
Messer LLC		101889988	manufacture(52438-016), api manufacture(52438-016)	

Establishment					
Name	Address	ID/FEI	Business Operations		
Messer LLC		003000197	manufacture(52438-016), api manufacture(52438-016)		

Establish	ment		
		ID/EEL	Business Oneustions
Name	Address	ID/FEI	Business Operations
Messer LLC		081695020	manufacture(52438-016), api manufacture(52438-016)
Establish	ment		
Name	Address	ID/FEI	Business Operations
Messer LLC		872699181	manufacture(52438-016), api manufacture(52438-016)
Establish	ment		
Name	Address	ID/FEI	Business Operations
Messer LLC		002123321	manufacture(52438-016) , api manufacture(52438-016)
Establish	ment		
Name	Address	ID/FEI	Business Operations
Messer LLC		092191712	manufacture(52438-016), api manufacture(52438-016)
Establish	ment		
Name	Address	ID/FEI	Business Operations
Messer LLC		839692303	manufacture(52438-016), api manufacture(52438-016)
Establish	ment		
Name	Address	ID/FEI	Business Operations
Messer LLC		791242337	manufacture(52438-016) , api manufacture(52438-016)
Establish	ment		
Name	Address	ID/FEI	Business Operations
Messer LLC	Addiess	192602431	manufacture(52438-016) , api manufacture(52438-016)
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<b>Establish</b>	ment		
Name	Address	ID/FEI	Business Operations
Messer LLC		945417111	manufacture(52438-016) , api manufacture(52438-016)
<b>Establish</b>	ment		
Name	Address	ID/FEI	Business Operations
Messer LLC		042263707	manufacture(52438-016) , api manufacture(52438-016)
<b>Establish</b>	ment		
Name	Address	ID/FEI	Business Operations
Messer LLC	Addiess	147344667	manufacture(52438-016) , api manufacture(52438-016)
cooci LLC		_ 1, 5 . 400,	
Establish	ment		
Name	Address	ID/FEI	Business Operations
Messer LLC		102835006	manufacture(52438-016) , api manufacture(52438-016)
Establish	ment		
Name	Address	ID/FEI	Business Operations
Hame	Addiess	10/1 LI	Dusiness Operations

Establishment				
Name	Address	ID/FEI	Business Operations	
Messer LLC		004212362	manufacture(52438-016), api manufacture(52438-016)	

Establishment				
Name	Address	ID/FEI	Business Operations	
Messer LLC		019983468	manufacture(52438-016), api manufacture(52438-016)	

Establishment				
Name	Address	ID/FEI	Business Operations	
Messer LLC		799311001	manufacture(52438-016), api manufacture(52438-016)	

Establishment				
Name	Address	ID/FEI	Business Operations	
Messer LLC		079481211	manufacture(52438-016), api manufacture(52438-016)	

Establishment				
Name	Address	ID/FEI	Business Operations	
Messer LLC		809794592	manufacture(52438-016), api manufacture(52438-016)	

Establishment				
Name	Address	ID/FEI	Business Operations	
Messer LLC		108034669	api manufacture(52438-016) , manufacture(52438-016)	

Establishment				
Name	Address	ID/FEI	Business Operations	
Messer LLC		093220150	manufacture(52438-016), api manufacture(52438-016)	

Revised: 10/2023 Messer LLC