

NITROGEN- nitrogen gas
Ineos Pigments Asu LLC

Nitrogen

Certificate of Analysis

Shipped From:

Ashtabula Oxygen

2501 Middle Rd.

Ashtabula, Ohio

Phone: (440) 994-1994

Company Name: TEST

Product: Nitrogen

Load No: 5

Trailer No: 0000

Time In: 16:44:58

Time Out: 16:46:04

Load Date: 12/26/2017

Tare Weight: 0

Gross Weight: 0 lbs Net

Weight: 0 lbs

Lot Number: 4004N17360050000

Produced by:

Air Liquefaction

Assay per NF requirements is by difference of O2 only

Ashtabula Oxygen

ResultsUnitsSpecifications

Purity Pre-Fill:

PASS

Pass*

Purity Post-Fill: 99.99

%

>=99.999%

Assay, By Difference)

O2:

ppm/V

<=2.0ppm

O2 Tested By: Teledyne 3000TA-XL Electrochemcial

CO:

ppm/V

<=5.0ppm

CO Tested By: Teledyne GFC-7001T Non-Dispersive Infrared

H2O: ppm/V
<=2.0ppm

H2O Tested By: Teledyne 8800A Electrochemcial

Odor: None None

Odor Tested By: Organoleptic

- **The Pre-Fill is tested against Ashtabula Oxygen and USP/NF specification and a "Pass" indicated that the results met and exceeded the applicable specifications. The results of the Pre-Fill tests are kept on file.**

Ashtabula Oxygen Analyst: I declare that this analysis was completed with all Ashtabula Oxygen policy and procedures and that the product meets all Ashtabula Oxygen and USP/NF specifications.

Signed: Date/Time:

Product Release Specialist/Release By: I declare that this certification is accurate, complete and compliant with all applicable policies and procedures and that the product meets all Ashtabula Oxygen and USP/NF specifications.

Signed: Date/Time:

Picked Up By: I declare that I have received the required documentation for shipment of this product and that I have the North American Emergency Response Guide or a MSDS.

Signed: Date/Time:

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Lot Number: 4004N17360050000 Produced By: Air Liquefaction

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Results Units

Ashtabula Oxygen
Specifications

Purity Pre-Fill:	PASS		Pass *
Purity Post-Fill: (Assay, By Difference)	99.999	%	>=99.999%
O2: O2 Tested By: Teledyne 3000TA-XL Electrochemical	1	ppm/V	<=2.0ppm
CO: CO Tested By: Teledyne GFC-7001T Non-Dispersive Infrared	1	ppm/V	<=5.0ppm
H2O: H2O Tested By: Teledyne 8800A Electrochemical	1	ppm/V	<=2.0ppm
Odor: Odor Tested By: Organoleptic	None		None

* The Pre-Fill is tested against Ashtabula Oxygen and USP/NF specification and a Pass indicated that the results met and exceeded the applicable specifications. The results of the Pre-Fill tests are kept on file.

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NITROGEN

nitrogen gas

Product Information

Product Type	HUMAN PRESCRIPTION DRUG	Item Code (Source)	NDC:71408-003
Route of Administration	RESPIRATORY (INHALATION)		

Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
NITROGEN (UNII: N762921K75) (NITROGEN - UNII:N762921K75)	NITROGEN	99 L in 100 L

Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:71408-003-01	10000 L in 1 TANK; Type 0: Not a Combination Product	12/27/2017	

Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
NDA	NDA211737	12/27/2017	

Labeler - Ineos Pigments Asu LLC (080634966)**Registrant** - Ineos Pigments Asu LLC (080634966)**Establishment**

Name	Address	ID/FEI	Business Operations
Ineos Pigments Asu LLC		080634966	manufacture(71408-003)

Revised: 10/2021

Ineos Pigments Asu LLC