

**NITROGEN- nitrogen gas**  
**Ineos Pigments ASU LLC**

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**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:**

## **Certificate of Analysis**

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**Assay per NF requirements is by difference of O2 only**

Results    Units

Ashtabula Oxygen  
Specifications

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

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

### Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
<b>NITROGEN</b> (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: 10/2023

Ineos Pigments ASU LLC