

Custom cGMP High Purity Nitrogen (N₂) Analysis Report

Client Contact Information

AAL Number:
Received On:
Report Date:
PO Number:

Sample ID. : Nitrogen - Building #__, Room #__, Port # __ Sampled On:
Sample ID. : Lot # _____, Received in 1L AAL Cylinder #_____ Sampled By:

<u>Test Description/Units</u>	<u>Result</u>	<u>D.L.</u>	<u>Spec. Limits¹</u>
Identification (by MS):	Pass	NA	Passes test
Odor:	Odorless	NA	No appreciable odor
Description:	Colorless	NA	Colorless
Water Vapor (H ₂ O, ppm v/v by MM):	nd	1.0	10 ppm Maximum
Carbon Monoxide (CO, ppm v/v, by DT):	nd	1.0	10 ppm Maximum
Oxygen (O ₂ , ppm v/v, by TOA):	nd	0.5	5 ppm Maximum
Assay (N ₂ , % v/v):	99.9997+%		99.9975+% Minimum

Note 1: Client Specific Specification Code # XXX for Nitrogen, High Purity.

D.L. = report detection limit. **nd** = indicates the concentration is less than the report detection limit. **na** = not applicable. **L.T.** = less than the concentration indicated. **--** = test not performed. **%** = percent. **ppm** = parts per million. **ppb** = parts per billion. **v/v** = volume analyte/volume sample. **w/w** = weight analyte/weight sample. **Conversions:** 0.0001% = 1 ppm.

Comments: This nitrogen gas sample was taken by AAL staff and meets all Client Specific Code # XXX requirements for purity.

Approved by,

Data Reviewed by,

Ralph J. Ciotti
Lab Manager

Date

John W. Leatherdale, PE
Director - Quality

Date

Attachments: Chain of Custody
Notebook data

Addendum: Instrument data on-file

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