SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

TRACE ANALYTICS, LLC.[1]
15768 Hamilton Pool Road
Austin, TX 78738
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CHEMICAL

Valid To: April 30, 2024 Certificate Number: 0322.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following analyses of compressed gas components identified below:

Samples are analyzed for the following components:

Aerobic Bacteria
Anaerobic Bacteria
Argon
Carbon Dioxide
Carbon Monoxide
Condensed Hydrocarbons
Filamentous Fungi
Gram Positive Cocci
Gram Negative Rods
Gram Positive Rods
Halogenated Hydrocarbons
Methane
Nitrogen
Oil Aerosol
Oil Mist
Oil Vapor
Oxygen
Particulate, Particle Size
Particulate, Total
Specific Gases and Vapors
Total Microbial Count
Total Volatile Hydrocarbon Content
Water Vapor
Yeast

Using the following methods:

Test Technology	**Test Method**
Gas Chromatography-Mass Spectrometry and Gas Chromatography-Flame Ionization Detection	CAT-A-01
Gravimetry	CAT-A-03
Optical Microscopy	CAT-A-04
Gas Chromatography-Mass Spectrometry	CAT-A-06
Direct Reading Color Reaction Tube	CAT-A-07
Laser Particle Counting Instruments	CAT-A-10

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BIOLOGICAL

Phenotypic Identification of Microbiological Organisms Anaerobic Bacteria Aerobic Bacteria Filamentous Fungi Yeast	MB-LAB-3
Determination of Colony Forming Units	MB-LAB-2

[1]*The laboratory is only accredited for the test methods listed above. The accredited test methods are used in determining compliance with the material specifications listed below. The inclusion of these material specifications on this Scope does not confer laboratory accreditation to the material specifications nor does it confer accreditation for the method(s) embedded within the specifications.*

Air Force T.O. 42B -1-22
American Nitrox Divers International
British Compressed Air Society (BCAS) Food and Beverage Grade Air
- Direct Contact
- Indirect Contact

Canadian Standards Association-CSA Z180.1; CSA Z275.2
Compressed Gas Association-ANSI/CGA G-7.1; CGA G-10.1; CGA G-4.3
European Committee for Standardization – EN 12021 (additional EU compatible standards)
European Industrial Gas Association-IGC Doc 126/11/E
Instrument Society of America; ISA 7.0.01
International Association of Nitrox and Technical Divers
International Organization for Standardization-ISO 8573
National Fire Protection Association-NFPA 99; NFPA 1404; NFPA 1500; NFPA 1989
National Institute for Occupational Safety and Health-NIOSH 37-7
Occupational Safety and Health Administration 29 CFR 1910; .56, .134, .430
Professional Association of Diving Instructors-Pure Air Program
U.S. Federal Specification-BB-A-1034; MIL-O-27210F
U.S. Navy Diving Manual-SS521-AG-PRO-010
U.S. Pharmacopeia (USP)- Air; Argon; Nitrogen; Oxygen <621> Chromatography

Accredited Laboratory

A2LA has accredited

TRACE ANALYTICS, LLC.

Austin, TX

for technical competence in the field of

Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated April 2017*).

Presented this 24th day of May 2022.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0322.01
Valid to April 30, 2024

For the tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.