



Certificate of Analysis

Rec & Tek Scuba Inc.

is in compliance with the air/gas quality portion of the specification:

CSA Z180.1-2019 & Oxygen Compatible Air-2003 (I)

as analyzed and reported on this certificate for the sample described under section "sample & report information".

Results relate only to items tested. This report shall not be reproduced except in full without the written permission Trace Analytics, LLC.



Analytical Test Methods:	Media Sampled:	Estimate of Uncertainty:
Gases & Vapors: CAT-A-01 Gas Chromatography/Mass Spectrometry	Source Bottle: 7026242	The average estimate of uncertainty at standard specification limits for 10 compounds normally reported is $\pm 3.24\%$, at a 95% confidence interval (k=2). For more detailed uncertainty information, contact Trace Analytics, LLC.
Oil & Particulate: CAT-A-03 Analytical Gravimetry	Ambient Bottle: 441122	
Particle Size: CAT-A-04 Optical Microscopy	Source Filter: 1228764	
Pressure Dew Point: CAT-A-07 Gas Detector Tube	Detector Tube: Draeger 5-a/P	

Westin Farley
Westin Farley, Data Analyst

Results of Test: PASS

From:
Trace Analytics, LLC
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To:
MR. MITCHELL WILSON
REC & TEK SCUBA INC.
529 UPPER SHERMAN AVENUE
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CANADA

Sample & Report Information (2)					
	Analytes	Source Results (1)	Ambient Results	Specification Allowable Limits	Sampled For
	Oxygen, Volume %	21.3	21.1	20-22	Sampled By
	Nitrogen, Volume %	77.8	78.0	N/A	Sampled On
	Argon, Volume %	0.9	0.9	N/A	Received On
	Nitrogen Plus Argon, Volume %	78.7	N/A	78-80	Analyzed On
	Carbon Monoxide (CO), ppmv	0.9	2.6	2	Sampled From
	Carbon Dioxide (CO2), ppmv	324	463	600	Comp Make
	Water Content (H2O), ppmv/Dewpoint, °F (DT)	7 / -81	N/A	27 / -63 (W)	Model
	TVHC (including CH4), ppmv	4.0	14.2	15	Serial No.
	Methane (CH4) ppmv	1.8	1.6	10	Filtration
	TVHC (excluding CH4), ppmv	2.2	12.6	5	Cylinder(s)
	Oil (condensed) & Particulate, mg/m3	0.09	N/A	0.1	Other ID
	Odor (provided by customer)	None/Slight	N/A	None/Slight	
	Halogenated Hydrocarbons, ppmv	<0.1	N/A	5	
	Atmospheric Dew Point, °C (L)	-63	N/A	-53	Hours
	Other	N/A	N/A	N/A	
(1) Results apply to the sample as received from the customer. Information supplied by the customer can affect the validity of results. (2) Information in this section is supplied by the customer (except dates received, analyzed and reported). (DT) Water content Pass/Fail was determined by water vapor detector tube analysis.					
(I) CGA G-7.1 Grade E as modified by IANTD in their document Blending Standards, 2003.					
(L) Dew Point (DP) for CSA Z180.1-19: In cylinders and piping ≥ 15.3 MPa (2216 psig), atmospheric dew point $\leq -53^{\circ}\text{C}$ (-63°F). CSA Z180.1-2019: Compressed breathing air in cylinders or piping operating at pressures equal to or greater than 2216psig shall meet the limits above and should have a pressure dew point not exceeding 5°C (9°F) below the lowest temperature to which the cylinder or piping can be exposed at any season of the year in the applicable geographic location.					
(W) Dew point is expressed in °F at one atmosphere pressure absolute.					
(DT) Detector tube readings performed by the customer. Dew point is calculated at 1 atmosphere pressure (14.7 psia) from the detector tube reading.					
(P) Evidence of the presence of particulate was observed with the naked eye on the filter at the time of analysis.					
Customer Comments adjusted pressure, maintaining value to 1800 PSI., from 6000 PSI. Rebuilt aero drains. Used trace rental test kit.					
Report Number 25-32178					
Customer ID 4020					
Date Reported 10/9/2025					
Frequency Semi-Annual					