



# Trace Analytics, Inc.

15768 Hamilton Pool Road • Austin, Texas 78738  
Voice: 800-AIR-1024 or 512-263-0000 • Fax: 512-263-0002  
E-mail: Service@AirCheckLab.com

# AirCheck Report™

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Customer No.: 3041

Report No.: 05-21902

Fantasy Island Resort  
Ms. Amalia Vidal  
French Harbour, Roatan  
Bay Islands  
Honduras

Date Received: Thu, December 29, 2005  
Date Analyzed: Mon, January 2, 2006  
Date Reported: Tue, January 3, 2006  
Sampled By: Not Provided  
Date Sampled: Sat, December 24, 2005  
Air Source ID: Not Provided

### Results vs CGA G-7.1-2004 Grade E(2) Gas Quality Specification

This sample COMPLIES with the above referenced specification.

Limiting Characteristic	Concentration			Reasons for Non-Compliance
	Source	Ambient	Specification	
Oxygen, Volume %	20.8(Z)	N/A	20-22	
Nitrogen / Argon, Volume %	78.2 / 0.9	N/A / N/A	N/A / N/A	
Carbon Monoxide (CO), ppmv	0.4	N/A	10	
Carbon Dioxide (CO <sub>2</sub> ), ppmv	112	N/A	1000	
Water (H <sub>2</sub> O), ppmv/Dewpoint, °F	<3.4/ <-91	N/A	N/A/N/A (W)	
Total Volatile Hydrocarbon Content (TVHC)	TVHC (including CH <sub>4</sub> ), ppmv	1.8	N/A	25
	Methane (CH <sub>4</sub> ), ppmv	1.8	N/A	N/A
	TVHC (excluding CH <sub>4</sub> ), ppmv	<0.7	N/A	N/A
Oil (condensed) & Particulate, mg/m <sup>3</sup>	<0.12	N/A	5	
Odor (provided by customer)	None/Slight	N/A	None/Slight	
Other	N/A	N/A	N/A	

### Customer Comments

T N (2) Water content is reported although not required by CGA G-7.1 for breathing air not used in conjunction with SCBA.  
R O (W) Dew point is expressed in °F at one atmosphere pressure absolute.  
A T (Z) Some Data Sheet information was not provided; we left blank on this report except: [1] If flow rate or sampling time blank, we  
C E entered 20 L/min for 10 min; [2] If odor information blank, we entered "None/Slight" or equivalent; [3] If date sampled blank, we entered  
E S a date of 5 days before the sample was received; [4] If spec blank, we chose one.

\*Accuracy relates observed to expected results (100%=complete agreement). Precision relates to reproducibility (0.0%=complete agreement).

Analytical Test Methods	Gases & Vapors Oil & Particulate Particle Size	CAT-A-01 CAT-A-03 CAT-A-04	Gas Chromatography/Mass Spectrometry Analytical Gravimetry Optical Microscopy	Media Sample Numbers	Source Bottle: 724198 Source Filter: 121235 Ambient Bottle: N/A
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## Trace Analytics, Inc. CERTIFIES THAT



the sample described above is in compliance with the compressed breathing air specification noted in this report.

NEXT SAMPLE IS DUE  
3/24/2006



Accredited Since 1991 By  
American Association for Laboratory Accreditation  
A2LA Certificate No. 322.01  
Accredited In The Chemical Field of Testing

Richard A. Smith, C.I.H., Laboratory Director

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