



# Airborne Labs International, Inc.

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## Compressed Air Analysis Report

Meridiano 87 SA. De CV.  
Av. Pedro Joaqui Codwell  
No. 699 Colonia Adolfo Lopez Mateos  
CP. 77640, Cozumel, Quintana Roo, Mexico  
Attn.: Helman Evelio Can Solis  
E-Mail: [Helman@meridiano87.com](mailto:Helman@meridiano87.com);  
Tel: 987-872-0691  
Sample ID. : Compressed Air, "Scuba Air"  
Sample ID. : Received in polybag 1.2 Kit + 2 ALI Cyl.# 150cc-sulf-025&033

ALI Track No.: 11-0417  
Received On: 09/07/11  
Report Date: 09/20/11  
Payment Mode: PO

Sampled On: 06/17/11  
Sampling Code : na

| <u>Test Description/Units</u>  | <u>Result</u> | <u>Spec. Limits.*</u> |
|--|---------------|-----------------------|
| <b>Oxygen</b> (O <sub>2</sub> , % v/v by PMA, [GC/TCD]): -----<br>Comments: LOQ = 0.1%                                     | 21            | 19.5-23.5             |
| <b>Carbon Monoxide</b> (CO, ppm v/v by IR, [D.T.]): -----<br>Comments: LOQ = 0.1 ppm.                                      | nd            | <10                   |
| <b>Carbon Dioxide</b> (CO <sub>2</sub> , ppm v/v by D.T., [IR]): -----<br>Comments: LOQ = 0.1 ppm. Confirmed by Gastec 2LC | 470           | <500                  |
| <b>NOx</b> (NO + NO <sub>2</sub> , ppm v/v by D.T.): -----<br>Comments: LOQ = 0.1 ppm.                                     | nd            | <2.5                  |
| <b>Sulfur Dioxide</b> (SO <sub>2</sub> , ppm v/v by GC, [D.T.]): -----<br>Comments: LOQ = 0.1 ppm.                         | nd            | <5                    |
| <b>Total Hydrocarbon Content</b> (THC, ppm v/v as CH <sub>4</sub> by IR, [THC]): -----<br>Comments: LOQ = 0.1 ppm          | 2.0           | <5                    |
| <b>Water Vapor</b> (H <sub>2</sub> O, ppm v/v by CH, [FTIR]): -----<br>Comments: LOQ = 0.2 ppm.                            | 2.6           | <10                   |
| <b>Odor</b> (Sidestream "Sniff" Test): -----<br>Comments: Pass = No Odor   | Pass          | No Odor               |

\* Customer supplied spec limits.

MDL = report detection limit (for quantitation). tr = Trace amount less than the report detection limit was observed. nd = indicates the impurity was not detectable and below the report detection limit. -- = test not performed. na = not available. LT = less than the amount specified. GT = greater than the amount specified. % = percent. ppm = parts per million. ppb = parts per billion. v/v = volume analyte/volume sample. w/w = weight analyte/weight sample. [result] indicates the result was obtained by the method listed within brackets. Unit Conversions: 1 ppm v/v = 1µL/L = 1,000 ppb = 0.0001% v/v. NTP = 760 mm Hg, 25°C, [75°F].

**Comments:** Customer request for a compressed air program. This sample meets customer requirements. Please advise if additional testing is required.

Reviewed by:

David Skinner 09/20/11

David Skinner – Laboratory Manager

Attachments: None

Addendum: Signatures, Instrument and Notebook data on file