



601 Front Street, Lawrenceburg, IN 47025
 Phone (812) 537-4101 Fax (812) 537-4156

Certificate of Analysis – *Example ONLY!*

The liquid carbon dioxide produced at our plant meets and/or exceeds the specification limits set by the Compressed Gas Association G-6.2-2000, Quality Verification Level I, which exceeds the specifications of both the United States Pharmacopoeia and the Food Chemicals Codex.

<u>Component</u>	<u>Specification</u>	<u>Result</u>	<u>Detection Limit</u>
Carbon Dioxide	99.90 %	99.99%	0.01%
Ammonia	2.50	ND	2.00
Benzene	20 ppb	0.6 ppb	0.01ppb
Carbon Monoxide	10.0	ND	2.00
Nitric Oxide	2.50	ND	0.50
Nitrogen Dioxide	2.50	ND	0.50
Oxygen	30.0	ND	1.00
Total Sulfur (All Sulfurs)	100 ppb	17.5 ppb	0.10ppb
Total Hydrocarbons (as Methane)(of which not more than 20ppm v/v max as total non-methane hydrocarbons)	50.0	3.30	0.01
Odor/Taste	No Foreign Taste/Odor	No Foreign Taste/Odor	N/A
Water	20.0 (-67° F Dew Pt.)	12.0	5.00

Specification Limits in ppm (v/v) maximum allowable.

Units in ppm (v/v) unless otherwise stated.

N/A: Not Applicable, ND: None Detected

Approved by: **Not Valid Unless Signed**

Effective Date: February 2007

Brandon York
 Director of Quality Assurance
 Tri-State Carbonic, LLC