

IMPURITIES	LABORATORY RESULTS			PLANT ANALYZER READINGS
	Final Product	Raw Feed	Vent	
Assay	99.99%	99%	97%	99.99%
Total Hydrocarbons (As Methane)	9.3 ppm			10.7 ppm
Methane	N.D.*	8695 ppm	2.37%	
Ethane	3.5 ppm	1485 ppm	136 ppm	
Ethylene	N.D.*	N.D.*		
Propane	0.9 ppm	209 ppm	0.3 ppm	
Propylene	N.D.*	N.D.*		
Isobutane	N.D.*	11.2 ppm		
n-Butane	0.1 ppm	21.6 ppm		
Isopentane	N.D.*	5.4 ppm		
n-Pentane	N.D.*	5.0 ppm		
Hexane	N.D.*	N.D.*		
Heptane	N.D.*	N.D.*		
Methyl Ether	N.D.*	N.D.*		
Acetaldehyde	N.D.*	N.D.*		
Ethyl Acetate	N.D.*	N.D.*		
Methanol	N.D.*	N.D.*		
Ethanol	N.D.*	N.D.*		
Other Volatile Oxygenates	N.D.*	N.D.*		
Benzene	N.D.**	0.169 ppm		
Toulene	N.D.**	0.037 ppm		
Ethylbenzene	N.D.**	0.166 ppm		
p-xylene	N.D.**	0.045 ppm		
m-xylene	N.D.**	0.015 ppm		
o-xylene	N.D.**	0.023 ppm		
Total Sulfur	<0.025 ppm			<0.025 ppm
Hydrogen Sulfide	N.D.**	21.8 ppm		
Sulfur Dioxide	N.D.**	N.D.**		
Carbonyl Sulfide	N.D.**	0.369 ppm		
Methyl Mercaptan	N.D.**	12.8 ppm		
Ethyl Mercaptan	N.D.**	4.2 ppm		
Dimethyl Sulfide	N.D.**	76.6 ppm		
Isopropyl Mercaptan	N.D.**	0.237 ppm		
Ethyl Methyl Sulfide	N.D.**	29.3 ppm		
Sec Butyl Mercaptan	N.D.**	0.601 ppm		
Ethyl Sulfide	N.D.**	2.0 ppm		
Butyl Mercaptan	N.D.**	0.369 ppm		
Dimethyl Disulfide	N.D.**	0.069 ppm		
Other Mercaptans, Sulfides, Disulfides	N.D.**	N.D.**		
Hydrogen		0.8 ppm	357 ppm	
Oxygen	5.9 ppm	8.1 ppm	230 ppm	<5 ppm
Nitrogen	6.7 ppm	88.7 ppm	1597 ppm	
Carbon Monoxide	N.D.*	N.D.*	2119 ppm	
Ammonia	N.D.*	N.D.*		
Nitric Oxide & Nitrogen Dioxide	N.D.*	N.D.*		
Phosphine	N.D.*	N.D.*		
Non-volatile Residue (NVR = NVOR + Particulates)	1.4 ppm			
Non-volatile Organic Residue (NVOR)	1.1 ppm			
Moisture	3.5 ppm	1169 ppm	34 ppm	<0.5 ppm
Appearance, Taste and Odor	None			None

N.D.\* - None detected - detectable limit = 0.1 ppm

N.D.\*\* - None detected - detectable limit = 0.001 ppm

Jeffrey Roman

cc: Wes Channell  
Ronny Deaton  
Bill Pennington  
Marmet Operations  
Trey Willis



CO<sub>2</sub> Analysis  
Marmet, WV  
June 8, 2009

Sample Number: R-074  
Cylinder Number: U422588  
Date Sent: 5/6/09  
Date Filled: 5/24/09  
Date Received: 6/1/09

IMPURITIES	LABORATORY RESULTS	PLANT ANALYZER READINGS
Assay	99.99%	99.99%
Total Hydrocarbons (As Methane)	9.1 ppm	12.5 ppm
Methane	0.1 ppm	
Ethane	3.7 ppm	
Ethylene	N.D.*	
Propane	0.9 ppm	
Propylene	N.D.*	
Isobutane	N.D.*	
n-Butane	0.1 ppm	
Isopentane	N.D.*	
n-Pentane	N.D.*	
Hexane	N.D.*	
Heptane	N.D.*	
Methyl Ether	N.D.*	
Methanol	N.D.*	
Acetaldehyde	N.D.*	
Ethanol	N.D.*	
Ethyl Acetate	N.D.*	
Benzene	N.D.**	
Other Aromatics	N.D.**	
Total Sulfur	<0.025 ppm	<0.025 ppm
Hydrogen Sulfide	N.D.**	
Sulfur Dioxide	N.D.**	
Carbonyl Sulfide	0.006 ppm	
Dimethyl Sulfide	0.013 ppm	
C <sub>1</sub> -C <sub>4</sub> Mercaptans, Sulfides, Disulfides	N.D.**	
Oxygen	0.1 ppm	<5 ppm
Nitrogen	0.2 ppm	
Carbon Monoxide	N.D.*	
Ammonia	N.D.*	
Nitric Oxide & Nitrogen Dioxide	N.D.*	
Phosphine	N.D.*	
Non-volatile Residue (NVR = NVOR + Particulates)	0.5 ppm	
Non-volatile Organic Residue (NVOR)	0.5 ppm	
Moisture	6.2 ppm	<0.5 ppm
Appearance, Taste and Odor	None	None

N.D.\* - None detected - detectable limit = 0.1 ppm

N.D.\*\* - None detected - detectable limit = 0.001 ppm

Tom Bush, Jeffrey Roman

cc: Wes Channell  
Ronny Deaton  
Bill Pennington  
Marmet Operations  
Trey Willis

IMPURITIES	LABORATORY RESULTS	PLANT ANALYZER READINGS
Assay	99.99%	99.99%
Total Hydrocarbons (As Methane)	8.0 ppm	8.6 ppm
Methane	0.1 ppm	
Ethane	3.9 ppm	
Ethylene	N.D.*	
Propane	0.7 ppm	
Propylene	N.D.*	
Isobutane	N.D.*	
n-Butane	N.D.*	
Isopentane	N.D.*	
n-Pentane	N.D.*	
Hexane	N.D.*	
Heptane	N.D.*	
Methyl Ether	N.D.*	
Methanol	N.D.*	
Acetaldehyde	N.D.*	
Ethanol	N.D.*	
Ethyl Acetate	N.D.*	
Benzene	N.D.**	
Other Aromatics	N.D.**	
Total Sulfur	<0.025 ppm	<0.025 ppm
Hydrogen Sulfide	N.D.**	
Sulfur Dioxide	N.D.**	
Carbonyl Sulfide	0.008 ppm	
C <sub>1</sub> -C <sub>4</sub> Mercaptans, Sulfides, Disulfides	N.D.**	
Oxygen	0.1 ppm	<5 ppm
Nitrogen	0.3 ppm	
Carbon Monoxide	N.D.*	
Ammonia	N.D.*	
Nitric Oxide & Nitrogen Dioxide	N.D.*	
Phosphine	N.D.*	
Non-volatile Residue (NVR = NVOR + Particulates)	1.3 ppm	
Non-volatile Organic Residue (NVOR)	1.0 ppm	
Moisture	3.4 ppm	<0.5 ppm
Appearance, Taste and Odor	None	None

N.D.\* - None detected - detectable limit = 0.1 ppm

N.D.\*\* - None detected - detectable limit = 0.001 ppm

**Tom Bush, Jeffrey Roman**

cc: Wes Channell  
Ronny Deaton  
Bill Pennington  
Marmet Operations  
Trey Willis



To: ~~COCA-COLA COMPANY~~  
~~205~~ ~~MEMPHIS~~ ~~REPORT~~ ~~IN~~  
~~PO BOX 15~~ ~~MEMPHIS~~ ~~38101~~

Bottle Memoriat  
Rabbit Hash, Ky

From: PRAXAIR, INC.  
10637 MACCORKLE AVENUE  
MARMET, WV 25315  
1-800-PRAXAIR

5831578

BUSINESS CONFIDENTIAL

Praxair Number: ~~3501A~~

Product ID Plant Date Trailer Time  
LOT Number CD 587 09/18/89 L 418 0729

The Liquid Carbon Dioxide described above complies with the Coca-Cola Company specifications BO-SP-225 and with those those described for Quality Verification Level 1 in CGA Publication G-6.2 Commodity Specification for Carbon Dioxide and in the U.S. Food Chemicals Codex.

The Carbon Dioxide in the tanker has been sampled, tested and found to meet the following specifications:

	Specification	Test Results
Purity:*	>= 99.9%	<u>99.99 %</u>
Odor and Taste:*	ND	<u>ND</u>
Moisture:	<= 20 ppm v/v	<u>&lt; 0.05 PPM LDL</u>
Total Sulfur:	<= 0.1 ppm v/v	<u>&lt; 0.025 PPM LDL</u>
Total Volatile Hydrocarbons (as methane):	<= 20 ppm v/v	<u>7.4 PPM</u>
Acetaldehyde:	<= 0.2 ppm v/v	<u>&lt; 0.05 PPM LDL</u>
Total Aromatic Hydrocarbons (Benzene):	<= 20 ppb v/v	<u>&lt; 5 PPM LDL</u>

\*from the storage tank

~~Locations~~ locations are scheduled as first delivery.

Trailer Seal #'s N/A

Signed: Bur O - 8  
Signature of Praxair Representative

LDL = Lower Detection Limit of Analyzer C2K6-COC4

Any changes to the COC4 set out above or new quality requirements in the future, will be considered by Seller upon being advised by Buyer of same. Seller will have no obligation to deliver Product meeting any changed Specification unless and until the Seller has determined that it can deliver Product meeting such Specification and Buyer and Seller have negotiated and agreed to any changes to this Agreement including without limitation the price applicable to the Product delivered to Buyer's Locations.



To: ~~COCA-COLA COMPANY~~  
~~205 BENTLEY AVENUE SE~~  
~~ROCKHOP, GA 30086~~

Bottelle Memoriat  
Rabbit Hash, Ky

From: PRAXAIR, INC.  
10637 MACCORKLE AVENUE  
MARMET, WV 25315  
1-800-PRAXAIR

5831578

BUSINESS CONFIDENTIAL

Praxair Number: ~~000000~~

Product ID	Plant	Date	Trailer	Time
LOT Number	CD	522	09/09	202 0809

The Liquid Carbon Dioxide described above complies with the Coca-Cola Company specifications BO-SP-225 and with those those described for Quality Verification Level 1 in CGA Publication G-6.2 Commodity Specification for Carbon Dioxide and in the U.S. Food Chemicals Codex.

The Carbon Dioxide in the tanker has been sampled, tested and found to meet the following specifications:

	Specification	Test Results
Purity:*	>= 99.9%	99.99%
Odor and Taste:*	ND	ND
Moisture:	<= 20 ppm v/v	20.05 PPM LDL
Total Sulfur:	<= 0.1 ppm v/v	20.05 PPM LDL
Total Volatile Hydrocarbons (as methane):	<= 20 ppm v/v	4.8 PPM
Acetaldehyde:	<= 0.2 ppm v/v	20.05 PPM LDL
Total Aromatic Hydrocarbons (Benzene):	<= 20 ppb v/v	250 PPB LDL

\*from the storage tank

~~COCA-COLA~~ locations are scheduled as first delivery.

Trailer Seal #'s N/A

Signed: Bruce  
Signature of Praxair Representative

LDL = Lower Detection Limit of Analyzer C2K6-COC4

Any changes to the COC4 set out above or new quality requirements in the future, will be considered by Seller upon being advised by Buyer of same. Seller will have no obligation to deliver Product meeting any changed Specification unless and until the Seller has determined that it can deliver Product meeting such Specification and Buyer and Seller have negotiated and agreed to any changes to this Agreement including without limitation the price applicable to the Product delivered to Buyer's Locations.



# Quality Assurance Record - Beverage Grade CO<sub>2</sub>

Product ID: **CD** Location No.: **587** Date: **09/16/09** Tank(s) No.: **ST301-306** Military Time: **0000**

## Final Test Results

Container No. + Military Time	Assay (%)	THC (ppm)	TS (ppm)	H <sub>2</sub> O (ppm)	NO (ppm)	NO <sub>2</sub> (ppm)	NH <sub>3</sub> (ppm)	Acetaldehyde (ppm)	CO (ppm)	Odor/Taste	NVR	Benzene (ppb)	O <sub>2</sub> (ppm)	Tester's Signature	Test Date
Storage	99.99	6.9	<0.025	<0.5	<0.5	<0.5	<2	<0.05	<2	ND	ND	<5	<5	<i>[Signature]</i>	09/16/09
L705 0216	/	7.8	<0.025	<0.5	/	/	/	<0.05	/	/	/	<5	<5	<i>[Signature]</i>	09/16/09
L605 0320	99.99	6.3	<0.025	<0.5	/	/	/	<0.05	/	ND	/	<5	<5	<i>[Signature]</i>	09/16/09
L015 0403	99.99	5.7	<0.025	<0.5	/	/	/	<0.05	/	ND	/	<5	<5	<i>[Signature]</i>	09/16/09
ST308 0511	99.99	8.7	<0.025	<0.5	<0.5	<0.5	<2	<0.05	<2	ND	ND	<5	<5	<i>[Signature]</i>	09/16/09
L602 0610	/	5.8	<0.025	<0.5	/	/	/	<0.05	/	/	/	<5	<5	<i>[Signature]</i>	09/16/09
L384 0737	/	6.4	<0.025	<0.5	/	/	/	/	/	/	/	<5	<5	<i>[Signature]</i>	09/16/09
L384 0737	/	6.4	<0.025	<0.5	/	/	/	<0.05	/	/	/	<5	<5	<i>[Signature]</i>	09/16/09
L384 0737	/	6.4	<0.025	<0.5	/	/	/	<0.05	/	/	/	<5	<5	<i>[Signature]</i>	09/16/09
ST301-306 0821	99.99	7.0	<0.025	<0.5	<0.5	<0.5	<2	<0.05	<2	ND	ND	<5	<5	<i>[Signature]</i>	09/16/09
L233 0918	/	6.2	<0.025	<0.5	/	/	/	<0.05	/	/	/	<5	<5	<i>[Signature]</i>	09/16/09
L702 0946	/	6.0	<0.025	<0.5	/	/	/	<0.05	/	/	/	<5	<5	<i>[Signature]</i>	09/16/09

Reviewed By \_\_\_\_\_ Date \_\_\_\_\_ Page \_\_\_\_\_ of \_\_\_\_\_