

Citicor Petroleum Corporation P.O. Box 1562 4401 Cities Service Highway Lake Charles, Louisiana 70602		E.P.A. REGISTRATION NUMBER: 4044			
LABORATORY REPORT OF SHIPMENTS GASOLINE / UNLEADED					
TITLE	Conventional - 87.0 Octane	SHIPPED VIA	TRUCK RACK		
PRODUCT GRADE	87.0 OCTANE INDEX	SHIP TO	263		
TANK NO.	17	ADDRESS			
VOLATILITY GRADE	C	TRANSFEREE EPA NO.			
ASSAY DATE	9/20/2009	DATE SHIPPED	09/21/2009		
LAB ID.	09-C-09-117	ESTIMATED VOLUME			
E.P.A. BATCH NO.	4044-01135-09-0575	AT DEG F: (TEMP)			
PIPELINE BATCH NO.		COA ID	2850303-274477		
		PRODUCT CODE	04001M3		
CERTIFICATION TYPE	<input type="checkbox"/> Simple Model	<input type="checkbox"/> VOC (Summer)	<input type="checkbox"/> Region 2 (North)		
	<input checked="" type="checkbox"/> Complex Model	<input checked="" type="checkbox"/> Non-VOC (Winter)	<input type="checkbox"/> Region 1 (South)		
GASOLINE TYPE	<input type="checkbox"/> Reformulated	<input type="checkbox"/> Premium	<input type="checkbox"/> Oxfuel		
	<input checked="" type="checkbox"/> Conventional	<input type="checkbox"/> Mid-Grade	<input type="checkbox"/> Non-Oxyfuel		
	<input type="checkbox"/> RBOB	<input checked="" type="checkbox"/> Regular	<input type="checkbox"/> Does Not Contain Ethanol		
VOC % Red.	5.16	TOXICS % Red.	23.43		
			NOX % Red. 10.34		
Product Property	Reported As	ASTM Method	Value	ASTM D-86	Degrees F
API Gravity	API	D-287	61.1	IBP	90.5
Aromatics	Volume %	D-5769	20.24	10 %	117.1
Benzene	Weight %	D-3606	0.54	20 %	136.1
Benzene	Volume %	D-3606	0.45	30 %	158.6
Cu Strip Corrosion 3 hours @ 122 F		D-130	1	40 %	183.6
Doctor		D-235	SWEET	50 %	211.2
Gum, Existant (Washed)	mg/100 ml	D-381	< 0.1	60 %	237.8
Lead	g/gallon	D-3237	< 0.001	70 %	264.0
Manganese	g/gallon	D-3831	< 0.001	80 %	300.4
Mercaptan Sulfur	Weight %	D-3227	N.R.	90 %	343.5
Octane Rating, F-1, Clear	RON	D-2699	91.7	EP	404.9
Octane Rating, F-2, Clear	MON	D-2700	82.8	Recovery, %	97.1
Octane Rating	(R+M)/2		87.2	Residue, %	1.0
Olefins	Volume %	D-1319	14.3	10 % Evaps	114.0
Oxidation Stability	Minutes	D-525	240	50 % Evaps	205.7
Oxygen Content	Weight %	D-5599	0.00	90 % Evaps	334.8
MTBE	Volume %	D-5599	0.00	% Evap @ 200 F	45.7
TAME	Volume %	D-5599	0.00	% Evap @ 300 F	79.8
MeOH	Volume %	D-5599	0.00		
TBA	Volume %	D-5599	0.00	DI	11.23
TAA	Volume %	D-5599	0.00	Ag Corrosion	0
Phosphorus	g/gallon	D-3231	< 0.004	Homogeneity Testing	
Sulfur	ppm	D2622/D5453	62	Upper Gravity	61.1
Vapor/Liquid Ratio @ 20 Degrees F		D-2533	126	Middle Gravity	61.1
Vapor Pressure @ 100 Degrees F	PSI	D-5191 (mod)	11.21	Lower Gravity	61.1

*Analysis Checked and Approved By:

Title:

Date:

* Signed original kept on file.

Base Gasoline - Not for sale to the ultimate customer

MIN/MAX COMPLIANCE STANDARDS: Phase II Complex Model Averaged Standards

VOC emissions performance reduction (%) Region 1: Per Gallon Min.	27.5
VOC emissions performance reduction (%) Region 2: Per Gallon Min.	25.9
Toxics emissions performance reduction (%)	21.5
NOX emissions performance reduction (%): Standard: VOC/Non-VOC	6.8/1.5
Oxygen content (% by weight): Standard/Per Gallon Min.	2.1/1.7
Benzene (% by volume): Standard/Per Gallon Max.	0.95/1.30

IF RBOB ONLY: This RBOB is suitable for blending with:

 any oxygenate ether only other specified oxygenate

Oxygenate type(s) and amount(s) required:

NOTE: This RBOB may not be combined with any other RBOB except other RBOB having the same requirements for oxygenate type(s) and amount(s), or, prior to blending, with reformulated gasoline.

 CONVENTIONAL GASOLINE - "this product does not meet the requirements for reformulated gasoline, and may not be used in any reformulated gasoline coverage areas."