



Certificate of Analysis

Nomination ID: PRPUE-22-00192

Bureau Veritas
Peñuelas Laboratory
Firm Delivery Carr. 127 Km. 19.1
Peñuelas, 00624, Puerto Rico
E: Puerto Rico_Ops_CTD@bureauveritas.com
T: 787-836-0810




Asset :	Sol Tanker Truck	Submitted by :	J & R Industrial Services
Product :	Gasoline 5000	Date Sampled :	04-Jun-2022
Job Location :	Sol, Cayman	Date & Time Sent to Lab :	07-Jun-2022 / 0900 Hrs.
TOCM Job ID :	PRPUE-22-00192	Date & Time Received :	12- Aug-2022 / 0800 Hrs.
Quantity of Sample Taken :	4 Liters	Date & Time Analyzed :	12- Aug-2022 / 0800 - 1600 Hrs.
Tamper Proof Seal ID :	JR0002000	Date Reported :	12-Aug-2022

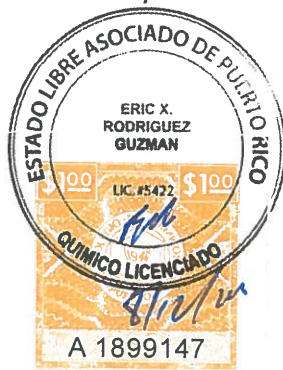
Sol Tanker Truck				
PRPUE-22-00192-001				
Method	Test	Result	Specification	Condition
ASTM D130	Corrosion Copper Strip - 3h at 50°C (122°F)	1a	1a Max	Spec Met
ASTM D381	Unwashed Gum Content, mg/100mL	7.5		
	Washed Gum Content, mg/100mL	<0.5	5 mg/100mL Max	Spec Met
ASTM D2699C	Research Octane Number	98.8		
ASTM D2700C	Motor Octane Number	87.2		
ASTM D4814	Antiknock Index	93.0		
ASTM D5452	Particulate Contamination, mg/L	0.50		
ASTM D86	IBP, °F	77.7		
	10% Evaporated, °F	134.8		
	50% Evaporated, °F	236.3		
	90% Evaporated, °F	316.2		
	95% Evaporated, °F	341.4		
	Endpoint, °F	396.0		
	Recovery, % (V/V)	97.0		
	Residue, % (V/V)	1.1		
	Loss, % (V/V)	1.9		
	Evaporated at 200°F, % (V/V)	27.0		
Evaporated at 300°F, % (V/V)	86.0			
ASTM D3831	Manganese Content, ppm (m/m)	<0.25	0.25 ppm (m/m) Max	Spec Met
ASTM D5191	DVPE, psi	9.08		
¹ ASTM D4815	Ethanol (Correlated), % (m/m)	Not Detected		

Job Comments

Comments

¹ Per 40 CFR 1090.1355(e), "None detected" reported for oxygenate compounds measured less than 0.20 percent by mass. Note: A result reported as "ND", "Not Detected", or "None Detected" is not equivalent to or equal to zero (0); however, trace amounts of the components could be present in the sample.


Eric X. Rodriguez, Laboratory Chemist





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VERITAS**

Asset : Sol Tanker Truck
Product : Gasoline 8000
Job Location : Sol, Cayman
TOCM Job ID : PRPUE-22-00192
Quantity of Sample Taken : 4 Liters
Tamper Proof Seal ID : JR0001997

Submitted by : J & R Industrial Services
Date Sampled : 04-Jun-2022
Date & Time Sent to Lab : 07-Jun-2022 / 0900 Hrs.
Date & Time Received : 12- Aug-2022 / 0800 Hrs.
Date & Time Analyzed : 12- Aug-2022 / 0800 - 1600 Hrs.
Date Reported : 12-Aug-2022

Sol Tanker Truck				
PRPUE-22-00192-002				
Method	Test	Result	Specification	Condition
ASTM D130	Corrosion Copper Strip - 3h at 50°C (122°F)	1a	1a Max	Spec Met
ASTM D381	Unwashed Gum Content, mg/100mL	10		
	Washed Gum Content, mg/100mL	<0.5	5 mg/100mL Max	Spec Met
ASTM D2699C	Research Octane Number	98.8		
ASTM D2700C	Motor Octane Number	87.2		
ASTM D4814	Antiknock Index	93.0		
ASTM D5452	Particulate Contamination, mg/L	0.10		
ASTM D86	IBP, °F	80.4		
	10% Evaporated, °F	135.9		
	50% Evaporated, °F	236.3		
	90% Evaporated, °F	316.5		
	95% Evaporated, °F	340.3		
	Endpoint, °F	396.8		
	Recovery, % (V/V)	97.3		
	Residue, % (V/V)	1.1		
	Loss, % (V/V)	1.6		
		Evaporated at 200°F, % (V/V)	27.0	
	Evaporated at 300°F, % (V/V)	86.1		
ASTM D3831	Manganese Content, ppm (m/m)	<0.25	0.25 ppm (m/m) Max	Spec Met
ASTM D5191	DVPE, psi	9.28		
¹ ASTM D4815	Ethanol (Correlated), % (m/m)	Not Detected		

Job Comments

Comments

¹ Per 40 CFR 1090.1355(e), "None detected" reported for oxygenate compounds measured less than 0.20 percent by mass. Note: A result reported as "ND", "Not Detected", or "None Detected" is not equivalent to or equal to zero (0); however, trace amounts of the components could be present in the sample.

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