



**Reporte de Calidad  
Quality Report**

Ref. N°: AmSpec 24-006C

Fecha / Date: 9/4/2024

Buque / Vessel: ZEFYROS

Cliente / Client: CUROIL

Ref del Cliente N°/Client Ref. N°:

Terminal: EMMASTAD, PORT

Puerto/Port : CURACAO

Viaje N° / Voyage N°:

<b>Productos / Products</b>	<b>Mogas 95R</b>
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Análisis Test	Unidad Unit	Método Method	Especificación Specification		Descripción de la Muestra/Resultados Sample Description / Results					
			Min.	Max.	HAND BLEND					
SPECIFIC GRAVITY @60F		D4052			0.7471					
API GRAVITY @60F(15,5C)	API	D4052	Report		57.9					
Density @ 15°C	Kg/M3	D4052	720.0	775.0	746.8					
Appearance		Visual	Br & Cl		Pass					
F-1 RESEARCH METHOD	ON	D 2699	95.0		95.5					
F-2 MOTOR METHOD	ON	D 2700	85.0		85.4					
Antoknock Index (R+M/2)	ON	Calc	Report		90.5					
Initial Boiling Point	CELSIUS	D 86	30		36.1					
10 % Recovered at	CELSIUS	D 86	40	70	55.5					
50 % Recovered at	CELSIUS	D 86	80	115	85.8					
90 % Recovered at	CELSIUS	D 86		180	145.0					
Final Boiling Point	CELSIUS	D 86		215	183.2					
RESIDUE	VOL PCT	D 86		2	1.0					
70% Evaporated To	CELSIUS	D86		Report	33.0					
Doctor Test		D4952			Negative					
Mercaptan Sulfur	WT PCT	D3227		0.0015	<0.0003					
REID VAPOR PRESSURE	PSI	D5191		8.7	8.18					
SULPHUR CONTENT	mg/kg	D5453		30	5.2					
EXISTENT GUM	MG/100ML	D 381		4.0	0.5					
BENZENE CONTENT	VOL PCT	D 3606		1.0	Pending					
Oxidation Stability	MIN	D 525	360		>360					
Methanol Content	VOL PCT			3.0	Pending					
COPPER STRIP 3HR/50°C	N/A	D 130		1	1A					
HYDROCARBON TYPES		D 1319								
OLEFINS	VOL PCT	D1319		18.0	7.9					
AROMATICS		D 1319		35.0	32.4					
OLEFINS + AROMATICS	VOL PCT	D1319		45.0	40.3					
Water Content	mg/kg	D6304	Report		290					
Oxygen Content	WT PCT	D4815		2.7	Pending					
Oxygentes Content			Report		Pending					
Odour		Marketable			Marketable					
Phosphorous	mg/L	D3231		1	Pending					
Octane Improver		Nil			Pending					
Manganese		D3831	Nil		Pending					
Lead	mg/L				Pending					
Silicon Content	mg/kg	D7757	Report		Pending					
Chloride Content	mg/kg	D5808	Report		Pending					

Tipo de muestra / Type of sample :

Arrival Vessel Composite

Estudio de calidad realizado por / Quality is performed by:

Refinería Isla Lab

Estudio de calidad testificado por / Quality is witnessed by:

AmSpec Services Curacao N.V.

**Notas / Notes:**

Cuando el análisis es testificado por AmSpec Servicios de Curacao N.V., nuestra responsabilidad es únicamente para asegurar que el análisis se lleve a cabo por métodos de ensayo estándar. Suponiendo que todos los aparatos, instrumentos y aparatos de medida que están calibrado y en buenas condiciones de trabajo. Los reactivos y soluciones son aceptados como preparados y se asume que los técnicos de laboratorio están calificados.

When Analysis are witnessed by AmSpec Services Curacao N.V. Our responsibility is solely to ensure that the analysis are conducted by standard test methods. All Apparatus, Instruments and measuring devices are assumed to be calibrated and in good working conditions. Reagents and solutions are accepted as prepared and the Laboratory Technicians are assumed to be qualified.

**Comentarios / Remarks:**

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**Ian Leito**  
AmSpec Services Curacao N.V.