

## CERTIFICATE OF ANALYSIS N° CCH-118195

**VESSEL** : LACB - 119 & 120  
**LOCATION** : Corpus Christi, TX  
**PRODUCT** : ULSD  
**GRADE** : Diesel Automotriz-Resto del País (NOM-016-CRE-2016)

**MOVEMENT** : Load  
**REF. NO.** : U1106

Volumetric Composite		After Load	Sample N° :	21 <sup>(2)</sup>	01-AUG-2025 Sampled at 07:45
Description : LACB - 119 & 120					
			<i>Minimum</i>	<i>Maximum</i>	<i>Remarks</i>
ASTM D4052	API Gravity @ 60°F	37.2 °API			
ASTM D4052	Specific Gravity 20/4 °C	0.8355	<i>Report</i>		
ASTM D1500	ASTM Color	L0.5		2.5	<i>Pass</i>
ASTM D93(A)	Flash Point	62.0 °C	45		<i>Pass</i>
ASTM D2500	Cloud Point	-13 °C	<i>Report</i>		
ASTM D97	Pour Point	-21 °C		0	<i>Pass</i>
ASTM D445	Viscosity @ 40 °C	2.442 mm2/s	1.9	4.1	<i>Pass</i>
ASTM D86	Distillation of Petroleum Products (Recovered)				
	Initial Boiling Point	161.2 °C	<i>Report</i>		
	10%	202.9 °C		275	<i>Pass</i>
	50%	254.8 °C	<i>Report</i>		
	90%	316.5 °C		345	<i>Pass</i>
	Final Boiling Point (End Point)	348.5 °C	<i>Report</i>		
ASTM D4737 (A)	Cetane Index	48.1	45		<i>Pass</i>
ASTM D613	Cetane Number	47.4	45		<i>Pass</i>
ASTM D5453	Sulfur	10.1 mg/kg		15	<i>Pass</i>
ASTM D482	Ash	0.004 Mass %		0.01	<i>Pass</i>
ASTM D524	Carbon Residue, Ramsbottom on 10% Bott.	<0.10 Mass %		0.35	<i>Pass</i>
ASTM D2709	Sediment & Water	<0.010 Vol. %		0.05	<i>Pass</i>
ASTM D130	Copper Corrosion @ 50 °C (3 hrs)	1a		1	<i>Pass</i>
ASTM D2624	Electrical Conductivity	48 pS/m	25		<i>Pass</i>
ASTM D5186	Total Aromatics (correlated to D1319)	19.2 Vol. %		35	<i>Pass</i>
ASTM D7371	Biodiesel Content (FAME)	ND Vol. %			
ASTM D6079	Lubricity by HFRR				
	Wear Scar Diameter @ 60° C	400 microns		520	<i>Pass</i>

## CERTIFICATE OF ANALYSIS N° CCH-118195

<b>VESSEL</b>	: LACB - 119 & 120	<b>MOVEMENT</b>	: Load
<b>LOCATION</b>	: Citgo - Corpus Christi, TX	<b>REF. NO.</b>	: U1106
<b>PRODUCT</b>	: ULSD		
<b>GRADE</b>	: Resto del País		

<b>Volumetric Composite</b>	<b>After Load</b>	<b>Sample N° :</b>	<b>21 <sup>(2)</sup></b>	<b>01-AUG-2025 Sampled at 07:45</b>
<b>Description : LACB - 119 &amp; 120</b>				
		<i>Minimum</i>	<i>Maximum</i>	<i>Remarks</i>

<sup>(2)</sup> Samples taken as per Standard Practice for Manual Sampling of Petroleum and Petroleum Products (ASTM D4057 / API MPMS Chapter 8.1) via a Closed System Sampler. Customer is advised that, due to its limitations, the samples may not fully represent the entire cargo.

All testing is performed on premises by Camin Cargo Control and in accordance to the latest referenced test method unless specifically stated otherwise.

The results apply to the samples as received and specifically to the items listed on this certificate.

Data contained in this report is confidential to the addressee and shall not be disclosed to any other party without their approval. This report may not be reproduced except in full without the written consent of the Camin Cargo Control.

N.D.- None Detected: Below Lower Reporting Limit and/or Lower Detection Limit as per applicable test method and/or instrument capability.

The statement of conformity (i.e. Pass/Fail) within this document does not consider measurement uncertainty and applies the decision rules of Pass if the values are equal or are within limits and Fail if outside of limits. Limits are defined by the product's recognized specification or as determined by written client contract and/or individual job request.

Camin Cargo Control Corpus Christi Laboratory is accredited to ISO/IEC 17025:2005 standard.

End of the Report



\_\_\_\_\_  
Christopher Ponce / Laboratory  
Coordinator