



**Certificate of Analysis**

**Vessel / Object:** Horizon Armonia  
**Location:** Christiansted, St. Croix / Ocean Point Terminals (Virgin Islands, U.S.)  
**Job Type:** Quality Only  
**Product Grade:** ULSD  
**Client Reference:** Antilles Trading Company SEZC

**Job No:** 210-24-00056  
**Date Sampled:** 01/07/24  
**Date Tested:** 01/17/24  
**Version:** 1 / 17 Jan 2024 10:30

**Sample** 210-24-00056-003  
**Sample ID, Type & Description**  
 2W  
 CUC ULSD Slate Running After Load

<u>Method</u>	<u>Test</u>	<u>Min</u>	<u>Max</u>	<u>Result</u>	<u>Units</u>	<u>Remarks</u>
ASTM D4052	Gravity by Digital Density Meter					
	API Gravity @60°F	30		38.2	°	
	Density @15°C			833.5	kg/m³	
ASTM D93A	Flash Point	60		63.0	°C	
ASTM D97	Pour Point		0	-24	°C	
ASTM D482!!	Ash Content		0.01	0.010	mass%	
ASTM D2709	Water and Sediment		0.05	< 0.01	%vol	
ASTM D86	90%		360	338.0	°C	
ASTM D130!!	Copper Strip Corrosion Rating @100°C/212°F for 2 Hours		1	1A		
ASTM D445	Kinematic Viscosity @104°F/40°C	1.9	5.8	3.701	mm²/s	
ASTM D2622!!	Total Sulfur Content		0.0015	0.00099	mass%	
ASTM D613	Ignition Quality Cetane Number	40		56.1		
ASTM D4737	Cetane Index	45		55.7		
ASTM D4530*	Carbon Residue on 10% Distillation residue		0.1	< 0.1	%mass	
ASTM D1319	Aromatics		35	15.7	%vol	
ASTM D6079	Lubricity Average Wear Scar Diameter		460	310	µm	
ASTM D2624	Electrical Conductivity	50		366	pS/m	
ASTM D4868	Lower Heating Value at 60°F	152,500		153,987	BTU/imp. Gal	
ASTM D7371*	Biodiesel (FAME) Content (in Diesel)		0	N.D.	%vol	

Redacted under Sec 23 (1) FOI Act (2021 Revision)

Title: Lab Shift Supervisor