

CERTIFICATE OF ANALYSIS N° CCH-120068

LOCATION : Redfish - Aransas Pass,TX
PRODUCT : CRUDE OIL

MOVEMENT : Sampling
REF. NO. : Sampling202&206

TK :	Handblend	Hand Blend	Sampling	Sample N° :	9	03-DEC-2025 Sampled at 14:50
ASTM D4052	API Gravity @ 60°F		26.6 °API			
ASTM D7169	Distillation by GC - D7169					
	IBP		84 °F			
	5% Mass		164 °F			
	10% Mass		252 °F			
	20% Mass		379 °F			
	30% Mass		505 °F			
	40% Mass		630 °F			
	50% Mass		768 °F			
	60% Mass		917 °F			
	70% Mass		1104 °F			
	80% Mass		1277 °F			
	FBP		>1328 °F			
	Recovery		84.5 %			
	Residue		15.5 %			
ASTM D4294	Sulfur		2.93 Mass %			
ASTM D4928	Water by Karl Fischer in Crude Oils (Coulometric)		0.03 Vol. %			
ASTM D473	Sediment by Extraction		0.01 Vol. %			
ASTM D7900	Light Ends - D7900					
	Methane		<0.01 Wt. %			
	Ethane		<0.01 Wt. %			
	Propane		0.09 Wt. %			
	iso-Butane		0.09 Wt. %			
	n-Butane		0.40 Wt. %			
	Total Light Ends (C1 - C4)		0.59 Wt. %			
	Methane		<0.01 Vol. %			
	Ethane		0.01 Vol. %			
	Propane		0.16 Vol. %			
	iso-Butane		0.15 Vol. %			
	n-Butane		0.62 Vol. %			
	Total Light Ends (C1 - C4)		0.94 Vol. %			

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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.

End of the Report

Javier Barreto Jr / Laboratory Shift
Leader