



Certificate of Analysis

Report Date: 4/12/2021 9:46:56PM

Vessel/Equipment:	HTCO 3100	File Number:	102634
Shore Tank	Meter Ticket	Lab Number:	B20210412002
Product:	Raffinate	Client:	ExxonMobil
Terminal:	ExxonMobil, Baton Rouge, LA	Client Reference:	5408894
Subject:	Barge After Load		

Sample Number:		98842			
Sample Type:		RVP Sample		Sample Location: HTCO 3100	
				Spec	
Method	Component	Result	Units	Min	Max
				-	Off-Spec
D5191	Dry Vapor Pressure Equivalent	5.57	psi	-	
D5191	Container Size	1 L		-	

Sample Number: 98852		Sample Location:		HTCO 3100			
Sample Type: Composite				Spec			
Method	Component	Result	Units	Min	-	Max	Off-Spec
D130	Corrosion Copper Strip	1A			-		
D130	Temperature	50	°C		-		
D130	Time	3	Hours		-		
D1319	Aromatics	<5.0	vol%		-		
D1319	Olefins	3.8	vol%		-		
D2699	Research Octane Number	65			-		
D2700	Motor Octane Number	63			-		
D3227	Mercaptan Sulfur	<0.0003	wt%		-		
D3606	Benzene	0.24	vol%		-		
D381	Gums Existent, Unwashed	<0.5	mg/100 mL		-		
D381	Gums Existent, Washed	<0.5	mg/100 mL		-		
D4176	Clear and Bright	Pass			-		
D4176	Free Water	Pass			-		
D4176	Particulates	Pass			-		
D4176	Test Temperature	21.0	°C		-		
D5453	Total Sulfur	<1.0	ppm		-		
D5599	Methanol	<0.1	wt%		-		
D5599	Ethanol	<0.1	wt%		-		
D5599	Isopropanol	<0.1	wt%		-		
D5599	tert-Butanol	<0.1	wt%		-		
D5599	n-Propanol	<0.1	wt%		-		
D5599	MTBE	<0.1	wt%		-		
D5599	sec-Butanol	<0.1	wt%		-		
D5599	DIPE	<0.1	wt%		-		
D5599	Isobutanol	<0.1	wt%		-		
D5599	ETBE	<0.1	wt%		-		
D5599	tert-Pentanol	<0.1	wt%		-		
D5599	n-Butanol	<0.1	wt%		-		

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D5599	TAME	<0.1	wt%	-
D5599	Total Oxygen	<0.1	wt%	-
D7671	Silver Corrosion	0		-
D7671	Temperature	50	°C	-
D7671	Duration	3	Hours	-
D86	Distillation Corrected to	101.3 kPa		-
D86	Initial Boiling Point	143.9	°F	-
D86	5% Recovered	153.0	°F	-
D86	10% Recovered	155.1	°F	-
D86	20% Recovered	157.6	°F	-
D86	30% Recovered	160.6	°F	-
D86	40% Recovered	163.0	°F	-
D86	50% Recovered	166.2	°F	-
D86	60% Recovered	170.0	°F	-
D86	70% Recovered	175.2	°F	-
D86	80% Recovered	183.0	°F	-
D86	90% Recovered	195.6	°F	-
D86	95% Recovered	206.6	°F	-
D86	Final Boiling Point	233.7	°F	-
D86	90% Evaporated	193.7	°F	-
D86	Recovery	98.0	%	-
D86	Residue	1.0	%	-
D86	Loss	0.9	%	-
IP377	Silicon	<10	ppm	-



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Signed: Aaron Manguno
Laboratory Supervisor



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Reviewed by: Glenn Hanson
VP of Laboratories