


CLIENT	ATMI	SAMPLING DATE	December 08th, 2023	
TERMINAL	Coastal Petroleum	TYPE OF SAMPLE	COMPOSITE	
PRODUCT	MOGAS-CUROIL	PACKING	3 x 1L	
DT OPS. No.	DT-0924	SAMPLE SOURCE	4W & 5W	
DATE OF REPORT ISSUE	December 08th, 2023	INSPECTOR	Osiris Hoglitter	
CLIENT REF. #	HV50105	VESSEL	MT SCHWYZ	
DISCHARGE/ LOADING PORT	Puerto La Cana, Dominican Republic	VOYAGE	N/A	

DT-0924_AT-MgCu_4W & 5W

TEST LABORATORY DEPARTMENT

QUALITY REPORT FOR MOTOR GASOLINE

VALUES TO COMFORM WITH CLIENT REQUIREMENTS AND ASTM STANDARDS

ANALYSIS	UNIT	Min.	Max.	TEST METHOD	RESULT	REMARKS
API Gravity @60 F	Api	--	--	D1298	57.2	In Specification
Density @15 C	kg/ m3	720	775	D4052	749.7	In Specification
Appearance	--	C&B	--	Visual	C&B	In Specification
Copper Strip Corrosion 3 Hrs @122 F	--	--	1	D130	1.00	In Specification
Dist. IBP	°C	30	--	D86	37.0	In Specification
Dist. Rec. 10% Vol.	°C	40	70	D86	53	In Specification
Dist. Rec. 50% Vol.	°C	80	115	D86	87	In Specification
Dist. Rec. 90% Vol.	°C	--	180	D86	157	In Specification
FBP	°C	--	215	D86	210	In Specification
Dist. Residue	% vol	--	2	D86	0	In Specification
Evaporated @ 70 C	% vol	--	--	D86	28	In Specification
Existent Gum (Washed)	mg/100 ml	--	4	D381	0.5	In Specification
Antiknock Index ((R+M)/2)	ON	--	--	Calculated	90	In Specification
Motor Octane Number (MON)	MON	85	--	D2700	85.5	In Specification
Research Octane Number (RON)	RON	95	--	D2699	95.2	In Specification
Aromatic Content	% vol	--	35	D1319	34.8	In Specification
Benzene Content	% mass	--	1	D3606	0.98	In Specification
Olefines Content	% vol	--	18	D1319	5.90	In Specification
Olefines and Aromatics	% vol	--	45	D1319	40.7	In Specification
Water Content	% vol	--	--	D6340		
Oxidation Stability	min	360	--	D525	360	In Specification
Oxygen Content	% mass	--	2.7	D4815	2.3	In Specification
Oxygenates Content	% mass	--	--	EN13132	0.0	In Specification
Methanol Content	% vol	--	3	EN13132	0.0	In Specification
Reid Vapor Preassure @ 100 F	psi	--	8.7	D5191	7.8	In Specification
Sulfur Content	mg/kg	--	30	D5453	9.0	In Specification
Doctor Test	--	Negative	--	D4952	Negative	In Specification
Mercaptan Sulfur	% mass	--	0.0015	D3227	0.0005	In Specification
Odour	--	Marketable	--	--	Marketable	In Specification
Phosphorous Content	mgn/L	--	1	D3231	<0.2	In Specification
Octane Improver	--	--	NIL	ITM 1051	Nil	In Specification
Manganese (MMT)	--	--	NIL	D3831	Nil	In Specification
Lead	mg/L	--	5	EN237	0.0	In Specification
Silicon	mg/Kg	--	--	D7757		
Chloride Content	mg/Kg	--	--	D5808		



D&T REPRESENTATIVE

COMMENTS: