



**BUREAU
VERITAS**

ANALYTICAL REPORT

VESSEL	M/T "BOMAR VESTA"
CARGO	GASOLINE 95 RON 10PPM
LOCATION	THESSALONIKI, HELLENIC PETROLEUM R.S.S.O.P.P. S.A.
DATE	16/12/22
SAMPLE SOURCE	Shore tanks 858 before loading
DRAWN BY	Terminal's Personnel, witnessed by surveyor
ANALYSIS WAS CARRIED OUT BY	The Terminal's Laboratory.
WITNESSED	Yes, please refer to the witnessing clause below

No	TESTS	UNITS	METHODS	RESULTS	REMARKS
1	Density At 15°C	g/ml	EN ISO 12185	0.7409	
2	Vapour pressure at 100 °F-Mini	kpa	EN 13016-1	76.8	
3	Total sulphur +	ppm - w	EN ISO 20846	0.8	
4	Research Octane Number ,RON	-	prEN ISO 5164	95.2	
5	Motor Octane Number, MON	-	prEN ISO 5163	86.2	
6	Copper strip corrosion 3h at 50°C	-	EN ISO 2160	Class 1a	
7	Lead	g/l	Pr EN 237/02	0.002	
8	Existent gum (solvent washed)	mg/100 ml	EN ISO 6246	3	
9	Oxidation stability - Induc.Per., 100°C	min	EN ISO 7536	>360	
10	Benzene	% v/v	EN ISO 22854	0.79	
11	Aromatics	% v/v	EN ISO 22854	33.1	
12	Olefins	% v/v	EN ISO 22854	0.8	
13	Ethanol	% v/v	EN ISO 22854	0.0	
14	Ether > 5 C (MTBE,ETBE,TAME)	% v/v	EN ISO 22854	9.8	
15	Iso-butyl alcohol	% v/v	EN ISO 22854	0.0	
16	Iso-propyl alcohol	% v/v	EN ISO 22854	0.0	
17	Methanol	% v/v	EN ISO 22854	0.0	
18	Other oxygenates	% v/v	EN ISO 22854	0.0	
19	Oxygen content	% w/w	EN ISO 22854	1.6	
20	Tert-butyl alcohol	% v/v	EN ISO 22854	0.0	
21	Appearance	-	VISUAL	Clear & Bright	
22	Colour	-	VISUAL	Undyed	
23	Manganese	mg/l	EN 16136	0.0	
24	Distillation		EN ISO 3405		
	I.B.P.	°C		29.5	
	F.B.P.	°C		188.0	
	Evaporated at 70°C	% v/v		36.8	
	Evaporated at 100°C	% v/v		57.8	
	Evaporated at 150°C	% v/v		86.8	
	Residue	% v/v		1.0	

The witnessing of this analysis performed in the above mentioned Laboratory was done in agreement with our Principals. In no way does Bureau Veritas assume responsibility for the accuracy of the results which remain the sole responsibility of the performing laboratory.

The responsibility of the Bureau Veritas is limited to ensuring a representative attend during the testing and made sure the tests were carried out on the correct sample.

It is assumed that all measuring equipment had been properly calibrated and in good working order, all reagents and standards were as described by their labeling and the staff have been suitable trained to perform the necessary analysis.

For Bureau Veritas Hellas