

TEST	METHOD	UNIT	Specification	RESULTS
Specific Gravity @ 60/60 °F	ASTM D 1298	-	0.720 - 0.775	0.7404
Density @ 15°C	ASTM D 1298	Kg/m <sup>3</sup>	720-775	0.7402
Research Octane Number	ASTM D 2699	-	-	91.9
MON	ASTM D 2700	-	-	82.1
Reid Vapour pressure @ 37.8 °C	ASTM D 5191	Kpa	50-Min – 65 Max	60
Distillation				
IBP	ASTM D - 86	°C	-	40
70 % Evaporated		%Vol	Min-20-46 Max	33
100 % Evaporated		%Vol	Min 46- 71 Max	55
150 % Evaporated		%Vol	Min -75	85
FBP		°C	Min 180- Max 215	194
Residue		Vol%	Max 2.0	1.0
Color		IP 17	-	-
Total Sulfur	ASTM D 5453	ppm wt	100 Max	1
Copper Corrosion (3 Hrs @ 50 °C	ASTM D -130	-	Class 1	1a
Olefins content	ASTM D 6730	Vol %	Max 18	0.35
Aromatic content	ASTM D 6730	Vol %	Max 40	35.6
Benzene Content	ASTM D 4815	Vol %	Max 2.0	0.98
Oxygen Content	ASTM D 4815	Vol %	Max 2.7	Nil
Oxygenates	ASTM D 4815	Vol %	Nil	Nil
Lead content	ICP OES	g/L	Max 0.005	<0.005
Gum content	ASTM D 381	mg/100ml	Max 5.0	1.0
Mercaptan Content	ASTM D 3227	ppm wt	Max 5.0	<1