

IN THE NAME OF GOD



SHIRAZ OIL REFINING CO.

Treated light naphtha

Analysis	Test method	Unit	Limit	Result
Density @ 15.6°C	ASTM D1298	Kg/m ³	670 - 700	686.0
Distillation :				
I.B.P	ASTM D86	°C	Report	44
5% _v	ASTM D86	°C	Report	52
10% _v	ASTM D86	°C	Report	53
20% _v	ASTM D86	°C	Report	56
30% _v	ASTM D86	°C	Report	59
40% _v	ASTM D86	°C	Report	64
50% _v	ASTM D86	°C	Report	69
60% _v	ASTM D86	°C	Report	76
70% _v	ASTM D86	°C	Report	85
80% _v	ASTM D86	°C	Report	98
90% _v	ASTM D86	°C	Report	116
95% _v	ASTM D86	°C	Report	125
F.B.P	ASTM D86	°C	Report	134
Residue	ASTM D86	Vol%	Report	0.5
Loss	ASTM D86	Vol%	Report	2.6
RVP	ASTM D323	psi	Report	9.0
Total Sulphur	ASTM D4294	Wt. %	0.050 -0.075	0.070
		ppm _{wt.}	500 -750	700
Mercaptan Sulfur	ASTM D3227	Wt. %	Report	< 0.0002
		ppm _{wt.}	Report	< 2
Research Octane number	ASTM D2699	Number	Report	61
Color Saybolt	ASTM D156	-	Report	30
Chlorine content	ASTM D5808	ppm _{wt.}	Report	< 1
Aromatic content	ASTM D6729	Vol%	Report	3.47
Normal Paraffin content	ASTM D6729	Vol%	Report	39.80
Iso-Parfin content	ASTM D6729	Vol%	Report	42.10
Olefin content	ASTM D6729	Vol%	Report	0.03
Naphthene content	ASTM D6729	Vol%	Report	14.60
Benzene content	ASTM D6729	Vol%	Report	2.0
Oxygenated Compounds	ASTM D6729	Vol%	Report	Not Detected
Nitrogen content	UOP 384	ppm _{wt.}	Report	
Corrosion – 3hrs @ 50°C	ASTM D130	-	Report	1a
Gum existing	ASTM D381	mg / 100 ml	Report	0.2

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