



PETRO PALAYESH NIK

Petro Palayesh Nik Yazd Laboratory

Sample Name:
South Pars gas condensate Light hydrocarbons (first cut)
(Light Naphtha)



02/15/2023 11:42 AM

Page 1 of 1

Test	Unite	Test Method	Guaranty Range	Result
Density @ 15 °C	Kg/m ³	ASTM D1298	712 Max	708
Distillation Range (°C)				
IBP	°C	ASTM D86	35 Min	36
10	°C	ASTM D86	48 - 58	54
20	°C	ASTM D86	58 - 68	61
30	°C	ASTM D86	68 - 78	73
40	°C	ASTM D86	78 - 88	82
50	°C	ASTM D86	88 - 98	93
60	°C	ASTM D86	98 - 108	104
70	°C	ASTM D86	108 - 118	116
80	°C	ASTM D86	118 - 132	130
90	°C	ASTM D86	137 - 157	151
95	°C	ASTM D86	150 - 172	169
FBP	°C	ASTM D86	204 Max	196
Colour	Number	ASTM D1500	0 - 0.25	0
Copper Corrosion	3hrs @50 °C	ASTM D130	-	2c
Total Sulfur	ppm	ASTM D4294	2600 Max	2200
Chlorine Content	Mg/L	ASTM D4929	0	0
Octane Number	RON	INFRARED	78 Min	80
	MON		72 Min	74
Benzene Content	Vol %	ASTM D6730	1 -3	2.14
Aromatic Content	Vol %	ASTM D6730	8 – 11.5	10.9
Mercaptan Content	PPM	ASTM D3227	100 Max	43
Reid Vapor Pressure (RVP)	kPa @ 37.8 °C	ASTM D5191	45 - 60	55
Olefins Content	Vol %	ASTM D6730	2-3.5	2.9
Oxygen Content	Wt %	ASTM D5845	0.01≥	0
MTBE	Vol %	ASTM D5845	0	0
Ethanol	Vol %	ASTM D5845	0	0
Methanol	Vol %	ASTM D5845	0	0

Laboratory Manager

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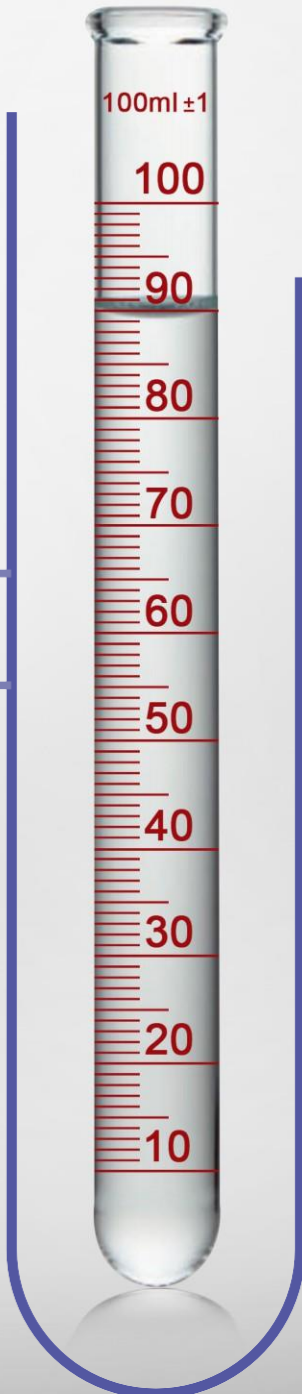
www.pppy.ir
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LightNaphtha



Sulfur
2200ppm

Octan Number
Ron80
Mon74



Density
708

Colour
0