The Analysis of the Light Naphtha Guaranteed Specification			
Analysis	**Unit**	**Limit**	**Test Method**
Density @ 15.0 ·c	Kg/m3	700 Max	ASTM D1298
Distillation	°C	–	ASTM D86
I.B.P	°C	35 Min	ASTM D86
10 % Evaporated Temp	°C	60 Max	ASTM D86
50 % Evaporated Temp	°C	85 Min	ASTM D86
95 % Evaporated Temp	°C	125 Max	ASTM D86
F.B.P	°C	150 Max	ASTM D86
Residue	%Vol	1.5 Max	ASTM D86
Loss	%Vol	1 Max	ASTM D86
Total Sulphur	%Wt	0.03 Max	ASTM D1266
Corrosion 3 HRS	5o°C	No 1 Strip	ASTM D13
Vapour Pressure	K.Pa	75 Max	ASTM D32
Mercaphtan Content	PPM	25 Max	ASTM D322
Colour, Saybolt	–	20 Min	ASTM D156
Paraffins Content	%Vol	70 Min	ASTM D131
Oleffins Content	%Vol	2 Max	ASTM D131
Naphthenes Content	%Vol	10 Min	ASTM D131
Aromatics Content	%Vol	5 Min	ASTM D131
Lead (PB) P.P.B	Uop	40 Max	350-68T
C/H Ratio	Estimated	5.5 Max	Calculate
Gum Existent (air jet)	Mg/100ml	3 Max	ASTM D381

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The Latest Bandar Abbas Heavy Naphtha Guaranteed Specification

Analysis	Unit	Limit	Test Method
Density @ 15.0 ·c	Kg/m3	0.700-0.765	ASTM D1298
Distillation	°C	–	ASTM D86
I.B.P	°C	75-90	ASTM D86
F.B.P	°C	170-200	ASTM D86
Residue	%Vol	0.5-1.5	ASTM D86
Loss	%Vol	0.5-1.5	ASTM D86
Total Sulphur	%Wt	0.05-0.15	ASTM 01266
Vapour Pressure	K.Pa	13-24	ASTM 0323
H2S	PPM	Trace	IP-103
Colour, Saybolt	–	25 min	ASTM 01500
Bromine Number	Mg/100ml	1 max	ASTM 01159
Paraffins Content	%Vol	50-70	GC
Oleffins Content	%Vol	0.5-1	GC
Naphthenes Content	%Vol	15-30	GC
Aromatics Content	%Vol	10-18	GC
Lead (PB)	P.P.B	20 Max	UOP-350
Cupper	PPM	0.03-0.07	A.A
Silicon	PPM	Trace	A.A
Nitrogen	PPM	1 Max	UOP-313
Water Content	PPM	300 Max	ASTM E1064
Chloride	PPM	5-10	UOP-799
As	P.P.B	10 Max	A.A
C/H Ratio	%Vol	5.5-6.5	Calculate
Gum Existent	Mg/100ml	1	ASTM D381

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