



**SPECIFICATION FOR NAPHTHA
(Petrochemical Grade)**

Sl.No.	PARAMETER	SPECIFICATION	STD.METHOD	Typical Analysis
1	Colour, Saybolt	Plus 30	ASTM D 156	Plus 30
2	Density @ 15 deg. C, kg / m ³ , Max	700	ASTM D 4052	690
3	Sulphur Total, ppm w, Max	650	ASTM D 4294	380
4	Total Paraffins, % by Vol, Max	60 – 65*	ASTM D 5134	65
5	Olefins, % by Volume, Max	1.0	ASTM D 5134	< 1.0
6	Aromatics, % by Volume	10 - 12	ASTM D 5134	10 - 12
7	Naphthenes, % by Vol, Max	By Balance		Balance
8	ASTM Distillation		ASTM D 86	
	IBP, °C	Report		40
	Temp. @ 5 % Recovery, °C	Report		50
	Temp. @ 10% Recovery, °C	Report		54
	Temp. @ 20% Recovery, °C	Report		58
	Temp. @ 30% Recovery, °C	Report		60
	Temp. @ 40% Recovery, °C	Report		62
	Temp. @ 50% Recovery, °C	Report		68
	Temp. @ 60% Recovery, °C	Report		76
	Temp. @ 70% Recovery, °C	Report		80
	Temp. @ 80% Recovery, °C	Report		86
	Temp. @ 90% Recovery, °C	Report		100
	FBP, °C, Max	130		130
9	Reid Vapour Pressure@ 37.8°C KPa, Max	70	ASTM D 323	70
10	Chloride as Cl, ppmw, Max	1.0	ASTM D 4929 A	<1.0
11	Arsenic, ppbw, Max	5.0	AAS Graphite	< 5
12	Lead Content, ppbw, Max	5.0	AAS Graphite	<5

*Two grades: a. Minimum 60% Paraffins, b. Max 65 % Paraffins