



**SPECIFICATION FOR MOTOR SPIRIT
(MOGAS-92 RON)
(EXPORT)**

Sl.No.	TESTS	REQUIREMENT	TEST METHOD (Alternate methods)	TYPICAL ANALYSIS
1	Appearance	Bright and clear	Visual	Bright and clear
2	Doctor test	Negative	ASTM D4952	Negative
3	Olefins, % vol, Max	5.0	ASTM D 1319	2.5
4	Aromatic content, % vol	Report	ASTM D 1319	48
5	Benzene percent by Volume, Max	5.0	ASTM D 3606	4.5
6	Sulphur, total , mg/kg, Max	150	ASTM D 4294/D 3120	125
7	Density at 15 °C, kg/L	0.740-0.800	ASTM D 4052	0.7900
8	DISTILLATION:	-	ASTM D86	
	End Point °C, Max	225	-	210
9	Vapor pressure {RVP} @ 37.8°C kPa, Max	68	ASTM D 323/D 5191	65
10	Research Octane Number (RON), Min	92	ASTM D 2699	92.2
11	Copper strip corrosion,3hrs at 50°C, Max	No.1	ASTM D 130	No.1
12	Induction period@ 100°C,minutes,Min	360	ASTM D 525	>360
13	Existent Gum, mg/100ml, Max	5	ASTM D 381	2