

S.No	PARAMETER	METHOD	LIMIT
i	Distillation		
	a) IBP °C, Min	IS-1448/P-18	40-45
	b) FBP °C, Max	IS-1448/P-18	160
ii	Sulphur, total, PPM, Max	ASTM D-5453	100
iii	Aromatics percent v/v, Max	IS-1448 P-48	10
iv	Olefins percent v/v, Max	IS-1448 P-48/P-23	0.2
v	Density at 15 °C, Kg/m ³	IS-1448 P- 16	0.66 - 0.72
vi	Lead content, PPM, Max	IS-1448 P- 38	1
vii	Residue on Evaporation, mg per 100 ml, Max	IS-1448 P- 29	2
viii	Reid vapour pressure (RVP)at 37.8 °C, Max	IS-1448 P- 39	0.7
ix	Net calorific value, Kcal/kg, Min	IS-1448 P- 7	10200
x	Chlorides, PPM, Max	IS-1448 P- 50	0.2
xi	Arsenic & other (Sb,V,Hg,P) catalyst poisons, PPM,	ICP	Absent
xii	C/H ratio	IS-1448 P- 7	5.3 - 5.6
xiii	Paraffins + Naphthenes percent v/v	IS-1448 P-321/75	80-90
xiv	Water content, PPM	Visual	Absent
xv	Colour, saybolt	ASTM D-156	Report