

**SPECIFICATION FOR KEROSENE
GRADE A-Low Sulphur Kerosene
IS 1459 -2018**

S.NO	CHARACTERISTICS	TEST METHODS	LIMIT	REQUIREMENT
1	Appearance	Visual	-	Clear and Bright, free from un-dissolved water, foreign matter and other visible impurities
2	Acidity, inorganic	ASTM D 974	-	Nil
3	Burning quality a) Char value, mg/kg of oil consumed.	IS 1448 P:5	Max	20
	b) Bloom on glass chimney		-	Not darker than grey
4	Colour a) Saybolt (in case of undyed kerosene)	ASTMD 156	Min	10
	b) Visual (in case of dyed kerosene)	Visual Annex A	-	Blue
5	Copper strip corrosion for 3 h at 50°C	IS 1448 P:15	-	Not worse than No.1
6	Density at 15°, kg/m ³	ASTM D 4052	-	Not limited, but to be reported
7	Distillation, a) Percent recovered upto 200°C, percent (v/v) b) Final boiling point, °C	ASTM D 86	Min	20
			Max	300
8	Flash point (Abel), °C	IP 170	Min	35
9	Smoke point, mm	IP 598	Min	18
10	Total sulphur content, percent, m/m	ASTM D 4294	Max	0.10