



Title : Specification for Kerosene¹

S.N	Characteristics		Test Method	Control Limits
1	Appearance		Visual	B & C ²
2	Density @ 15 °C	g / ml	ASTM D4052	0.750-0.840
3	Distillation :		ASTM D86	
3.1	10% Volume recovered	°C		Max. 205
3.2	Final Boiling Point	°C		Max. 300
4	Total Sulfur	Mass %	ASTM D4294	Max. 0.2
5	Corrosion Copper (3 hrs @ 100°C)	Class.	ASTM D130	Max. 3
6	Kinematic Viscosity @ 40 °C	cSt.	ASTM D445	1.0 - 1.9
7	Flash Point	°C	ASTM D56	Min. 38
8	Sulfur, Mercaptan	Mass %	ASTM D3227	Max. 0.003
9	Smoke Point	mm	ASTM D1322	Min. 19.0
10	Color Saybolt	-	ASTM D156	Min. + 16
11	Freezing Point	°C	ASTM D7153	Max. - 30
12	Gross Specific Energy	MJ/KG	ASTM D240	Min. 42.80

¹ This specification is based on Jordanian Technical Regulation J.S 194: 2017, Petroleum and Petroleum products- Standard specification for kerosene.

² The final product shall be clear, bright, free from solid matter and undissolved water