



ISO/IEC 17025:2017

Jordan Petroleum Refinery CO. LTD
Laboratories & Quality Control Department



Test-116

Title: Specification for Kerosene¹

QS-PL111

S.N	Property		Test Method	Control Limits
1	Appearance		Visual inspection	Clear and Bright ²
2	Density at 15 °C *	kg/m ³	ASTM D4052	750.0-840.0
3	Distillation *		ASTM D86	
3.1	10% volume recovered	°C		Max. 205
3.2	Final Boiling Point	°C		Max. 300
4	Sulfur content	Mass%	ASTM D4294	Max. 0.20
5	Corrosion Copper (3 h at 100°C)	Class.	ASTM D130	Max. 3
6	Flash Point *	°C	ASTM D56	Min. 38.0
7	Mercaptan Sulfur	Mass %	ASTM D3227	Max. 0.003
8	Smoke Point	mm	ASTM D1322	Min. 19
9	Saybolt Color		ASTM D156	Min. +16
10	Kinematic Viscosity at 40 °C	cSt.	ASTM D7042	1.0 - 1.9
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 for Kerosene # JS 194/2017 (4th edition) dated on the 1st of February, 2018.

² The Final Product shall be clear, bright, and free from solid matter and undissolved water.

* Accredited test by JAS-AU.