



SGS

Report of Quality

LABORATORY REPORT

Diesel Fuel

No	Test description for Diesel Fuel	Iraqi Standard	US Standard	EN Standard	Sample Results
1	Flash Point, °C	Min 54	Min 52	Min 55	50
2	Cloud Point, °C	-9.0	----	----	+4.0
3	Specific Gravity @ 15.5°C	0.87	-----	0.820-0.845	0.822
4	API Gravity	31.14	----	41.061-35.955	40.64
5	Kinematic Viscosity, 40°C	12-18	1.304.10	2.00-4.50	2.04
6	Water Content, V/V%	Max 0.5	Max. 0.05	Max. 0.02	No water detected
7	Cetane Number	Min 53	Min 50	Min 51	58
8	Cetane Index	----	Min 46	Min 46	60.44
9	Initial Boiling Point, IBP, °C	----	77	<65	126
10	Distillation Temperature °C	10%, V/V%	152	----	158
		50%, V/V%	----	----	250
		90%, V/V%	267	----	360
11	Final Boiling Point, FBP, °C	----	327-360	360	Above 360
12	Aniline Point, °C	71.42	----	----	----