

APPENDIX 1
Director General of EBTKE Decree No. 100.K / 10 / DJE / 2016
Regarding the Standards and Quality (Biofuel) of Biodiesel as
Other Fuels Marketed in the Country

No	Test Parameter	Unit	Result Limit		Method
			Min	Max	
1	Cetane Index		51	-	ASTM D 613
2	Density (at 40°C)	kg/m ³	850	890	ASTM D 1298
3	Viscosity (at 40°C)	cSt	2,3	6,0	ASTM D 445
4	Sulphur Content	mg/kg	-	50	ASTM D 5453
5	Distillation 90%	°C	-	360	ASTM D 1160
6	Flash Point	°C	100	-	ASTM D 93
7	Fog Point	°C	-	18	ASTM D 2500
8	Carbon Residue - in the original example, or - in 10% distillation pulp	%-massa	- -	0,05 0,3	ASTM D 4530
9	Corrosion Copper Strip (3 hour, 50°C)	-	-	1	ASTM D 130
10	Water and Sediment	%-vol	-	0,05	ASTM D 2709
11	Acid Number	mg-KOH/g	-	0,5	ASTM D 664 AOCS Cd 3d-63
12	Sulfated Ash	%-massa	-	0,02	ASTM D 874
13	Phosphor	mg/kg	-	4	AOCS Ca 12-55
14	Free Glycerol	%-massa	-	0,02	ASTM D 6584 AOCS Ca 14-56
15	Total Glycerol	%-massa	-	0,24	ASTM D 6584 AOCS Ca 14-56
16	Methyl ester levels	%-massa	96,5	-	calculated
17	Iodine Number	%-massa (g- I ₂ /100g)	-	115	AOCS Cd 1-25
18	Oxidation stability - Induction method for rancimat method - Petrooxy	minute	- -	480 36	EN 15751 ASTM D 7545
19	Monoglyceride	%-massa	-	0,8	