

PRECISION PETROLEUM LABS, INC.

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EUROPEAN BIODIESEL SPECIFICATIONS

PRICE BREAK DOWN

<u>Parameter</u>	<u>Test Method</u>	<u>List Price</u>
Ester Content, Wt %	EN 14103	\$150
Linolenic Acid Methyl Ester, Wt %	EN 14103	
Polyunsaturate Methyl Ester, Wt %	EN 14103	
Density @ 15deg C, kg/cbm	EN ISO 3675	\$30
Kinematic Viscosity @ 40 Deg C (104 Deg F), mm2/S	EN ISO 3104	\$50
Flash Point, Deg C	EN ISO 3679	\$50
Sulfur Content, mg/kg	EN ISO 20846	\$60
Average Micro Carbon Residue (on 10% distillation residue), Wt%	EN ISO 10370	\$70
Cetane Number	EN ISO 5165	\$200
Sulfated ash content, Wt%	ISO 3987	\$60
Water content, mg/kg	EN ISO 12937	\$40
Copper strip corrosion 3hrs @50 deg C, (122 Deg F)	EN ISO 2160	\$70
Oxidation Stability, @110 Deg C, Hours	EN 14112	\$100
Average Acid Number, mg KOH/g	EN 14104	\$40
Iodine value, gr iodine/100 gr	EN 14111	\$50
Methanol content, Wt %	EN 14110	\$90
Monoglyceride content, Wt %	EN 14105	\$100
Diglyceride content, Wt %	EN 14105	
Triglyceride content, Wt%	EN 14105	
Free glycerol, Wt%	EN 14105	
Total glycerol, Wt%	EN 14105	
Group 1 metals (Na) + (K), mg/kg	EN 14108/EN 14109	\$50
Group II metal (Ca +Mg), mg/kg	EN 14538	\$50
Phosphorus content, mg/kg	EN 14107	\$50
Cold filter Plugging point, Deg C	EN 116	\$50
Cold filter Plugging point, Deg F	EN 116	
Total Contamination, mg/kg	EN 12662	\$50

Total List Price: \$1,340.00

Total Package Price: \$1,100.00

Minimum Sample Size: 1 liter (1000ml)

TURN AROUND TIME: 24-48 HOURS
