

PRECISION PETROLEUM LABS, INC.

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BIODIESEL EUROPEAN NO SPECIFICATION

PRICE BREAK DOWN

<u>Parameter</u>	<u>Test Method</u>	<u>List Price</u>
Ester Content, Wt %	EN 14103	\$200
Linolenic Acid Methyl Ester, Wt %	EN 14103	
Polyunsaturate Methyl Ester, Wt %	EN 14103	
Density @ 15deg C, kg/cbm	EN ISO 3675	\$45
Kinematic Viscosity @ 40 Deg C (104 Deg F), mm ² /S	EN ISO 3104	\$70
Flash Point, Deg C	EN ISO 3679	\$75
Sulfur Content, mg/kg	EN ISO 20846	\$75
Average Micro Carbon Residue (on 10% distillation residue), Wt%	EN ISO 10370	\$80
Cetane Number	EN ISO 5165	\$550
Sulfated ash content, Wt%	ISO 3987	\$75
Water content, mg/kg	EN ISO 12937	\$80
Copper strip corrosion 3hrs @50 deg C, (122 Deg F)	EN ISO 2160	\$110
Oxidation Stability, @ 110 Deg C, Hours	EN 14112	\$220
Average Acid Number, mg KOH/g	EN 14104	\$60
Iodine value, gr iodine/100 gr	EN 14111	\$100
Methanol content, Wt %	EN 14110	\$145
Monoglyceride content, Wt %	EN 14105	\$220
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/EN14109	\$75
Group II metal (Ca +Mg), mg/kg	EN 14538	\$75
Phosphorus content, mg/kg	EN 14107	\$75
Cold filter Plugging point, Deg C	EN 116	\$100
Cold filter Plugging point, Deg F	EN 116	
Total Contamination, mg/kg	EN 12662	\$75

Total List Price: \$2505.00

Minimum Sample Size: 1 QT

TURN AROUND TIME: 24-48 HOURS
