

# PRECISION PETROLEUM LABS, INC.

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## Biodiesel Price Breakdown

<u>PARAMETER</u>	<u>TEST METHOD</u>	<u>ASTM D-6751-06e1 SPECIFICATION</u>	<u>List Price</u>
Flash point, °C	D-93	130 MIN	\$75
Water and sediment, Vol%	D-2709	0.05 MAX	\$60
Carbon residue, Wt%	D-4530	0.05 MAX	\$80
Sulfated ash, Wt%	D-874	0.02 MAX	\$65
Viscosity, 40°C, CST	D-445	1.9-6.0	\$65
Sulfur, Wt%	D-5453	0.05 MAX	\$75
Cetane Number	D-613	47 MIN	\$550
Cloud point, °C	D-2500	REPORT	\$60
Copper corrosion	D-130	NO 3 MAX	\$110
Acid number, mg KOH/gm	D-664	0.5 MAX	\$60
Free glycerin, Wt%	D-6584	0.02 MAX	\$210
Total glycerin, Wt%	D-6584	0.24 MAX	0
<b>Phosphorous, PPM</b>	<b>D-4951</b>	<b>10 MAX</b>	<b>\$130</b>
<b>Sodium &amp; Potassium, PPM</b>	<b>UOP 391</b>	<b>5 MAX</b>	<b>0</b>
<b>Calcium &amp; Magnesium, PPM</b>	<b>UOP 389</b>	<b>5 MAX</b>	<b>0</b>
Oxidation Stability, hrs	EN 14112	3hrs MIN	\$220
Cold Soak Filterability, seconds	ANNEX A1	360 MAX	\$190
 <b><u>Alcohol control</u></b>			
One of the following must be met:			
1. Methanol content, Wt%	EN-14110	0.2 MAX	\$145
2. Flash point, °C	D-93	130 MIN	\$75
 <b><u>DISTILLATION, °C</u></b>			
90% Recovery @	D-1160	360°C MAX	\$210

**Total List Price: \$2,380.00**

**Total Package Price: \$1,300.00**

**Minimum Sample Size: 1 QT**

**TURN AROUND TIME: 24-48 HOURS**

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