



BUREAU
VERITAS

BIODIESEL FUEL TESTING

MARKETS &
SERVICES

BIODIESEL IS ONE OF THE FASTEST GROWING MARKETS IN CANADA AND THE UNITED STATES, AND BUREAU VERITAS IS WELL POSITIONED TO BE PART OF THIS GROWTH

As Canada's largest testing laboratory, Bureau Veritas is accredited by the Standards Council of Canada (SCC) to ISO 17025 guidelines, with the ability to analyze biodiesel. We can complete all of the tests required by the ASTM D6751-11b specification.

EXAMPLE REQUIREMENTS FOR BIODIESEL (C100) BLEND STOCKS

PROPERTY (*sublet test, not covered by accreditation)	TEST
Sulfur, % mass (ppm), max	D5453
Cold soak filterability, seconds, max	D7501
Monoglyceride content, % mass, max	D6584
Calcium and Magnesium, combined, ppm ($\mu\text{g/g}$), max	EN 14538*
Flash point (closed cup), $^{\circ}\text{C}$, min	D93
Alcohol Control	
One of the following shall be met:	
1. Methanol content, mass %, max	EN 14110*
2. Flash point, $^{\circ}\text{C}$, min	D93
Water and sediment, % volume, max	D2709
Kinematic viscosity, mm^2/s , 40°C	D445
Sulfated ash, % mass, max	D874
Copper strip corrosion, max	D130
Cetane number, min	D613
Cloud point, $^{\circ}\text{C}$	D2500
Carbon residue, % mass, max	D4530
Acid number, mg KOH/g , max	D664
Free glycerin, % mass, max	D6584*
Total glycerin, % mass, max	D6584*
Phosphorus content, % mass, max	D4951
Distillation temperature,	D1160
Atmospheric equivalent temperature,	
90 % recovered, $^{\circ}\text{C}$, max	
Sodium and Potassium, combined, ppm ($\mu\text{g/g}$), max	EN 14538*
Oxidation stability, hours, min	EN 15751*

Related Documents

[Oil and Gas Chain of Custody](#)

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