

Canola Methyl Ester (CME) B100

RBF Biodiesel Guaranteed Specifications

Property	Units	Max	Min	Test Method
Ester Content	% (m/m)	96.5		EN 14103
Density 15 °C	g/cm ³	0.86	0.90	EN ISO 12185
Kinematic Viscosity 40 °C	mm ² /s	3.5	5.0	EN ISO 3104
Flash Point	°C	130		EN ISO 3679
Sulphur	mg/kg		2	EN ISO 20846
Carbon Residue	% (m/m)		0.02	EN ISO 10370
Sulphated Ash	% (m/m)		0.001	ISO 3987
Water Content	mg/kg		197	EN ISO 12937
Total Contamination	mg/kg		24	EN 12662
Copper Strip Corrosion	3h/50°C		1A	EN ISO 2160
Oxidation Stability [110 °C]	Hours	10 w/additive		EN 14112
Cetane Number ₁		51.6		EN ISO 5165
Acid Value	mg KOH/g		0.15	EN 14104
Methanol Content	% (m/m)		0.1	EN 14110
Monoglyceride	% (m/m)		0.30	EN 14105
Diglyceride	% (m/m)		0.15	EN 14105
Triglyceride	% (m/m)		0.03	EN 14105
Free Glycerol	% (m/m)		0.005	EN 14105
Total Glycerol	% (m/m)		0.10	EN 14105
Iodine Value ₁	g iod/100g		111	EN 14111
Linolenic Acid Methyl Ester ₁	% (m/m)		6.1	EN 14103 D
Phosphorous	mg/kg		4	EN 14107
Group I Metals [Na, K]	ppm		1	EN 14108/9
Group II Metals [Ca, Mg]	ppm		1	EN 14538
CFPP _{1,2}	°C	AS REPORTED		EN 116

¹ Shaded properties are dependent on the characteristics of the canola oil provided to RBF.

² CFPP target is -10 deg C, range can be -8 to -13 deg C and is dependent upon feed oil supplied.