

## Canola Methyl Ester (CME) B100

### RBF Biodiesel Guaranteed Specifications

Property	Units	Limits		European Test Method
		Minimum	Maximum	
Ester Content	% (m/m)	96.5		EN 14103
Density 15 °C	g/cm <sup>3</sup>	0.86	0.90	EN ISO 12185
Kinematic Viscosity 40 °C	mm <sup>2</sup> /s	3.5	5.0	EN ISO 3104
Flash Point	°C	120		EN ISO 3679
Sulphur	mg/kg		10	EN ISO 20846
Carbon Residue	% (m/m)		0.03	EN ISO 10370
Sulphated Ash	% (m/m)		0.02	ISO 3987
Water Content	mg/kg		300	EN ISO 12937
Total Contamination	mg/kg		24	EN 12662
Copper Strip Corrosion	3h/50°C		1	EN ISO 2160
Oxidation Stability [110 °C]	Hours	6 w/additive		EN 14112
Cetane Number <sup>1</sup>		47		EN ISO 5165
Acid Value	mg KOH/g		0.5	EN 14104
Methanol Content	% (m/m)		0.2	EN 14110
Monoglyceride	% (m/m)		0.8	EN 14105
Diglyceride	% (m/m)		0.2	EN 14105
Triglyceride	% (m/m)		0.2	EN 14105
Free Glycerol	% (m/m)		0.02	EN 14105
Total Glycerol	% (m/m)		0.25	EN 14105
Iodine Value <sup>1</sup>	g iod/100g		125	EN 14111
Linolenic Acid Methyl Ester <sup>1</sup>	% (m/m)		12	EN 14103 D
Phosphorous	mg/kg		10	EN 14107
Group I Metals [Na, K]	mg/kg		5	EN 14108/9
Group II Metals [Ca, Mg]	mg/kg		5	EN 14538
CFPP <sup>1,2</sup>	°C	AS REPORTED		EN 116

<sup>1</sup> Shaded Properties are dependent on the canola oil provided to RBF and cannot be guaranteed without additional feed oil guarantees

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