

PRODUCT CERTIFICATE Rapeseed Methyl Esters (RME)

BASED ON RAPESEED OIL ONLY. MEETS THE REQUIREMENTS IN EN 14214:12-11

PROPERTY	LIMIT		UNIT	RESULT
	Min	Max		
Ester content	96,5		%	>99
Ash content		0,02	% m/m	<0,01
Acid value		0,50	mg KOH/100 g	0,3
Carbon residue		0,3	% m/m	0,13
Cetane number	51			54
CFPP	-20		°C	-25
Copper strip corrosion	class 1	class 1		1
Density	860	900	vid 15°C, kg/m ³	833
Flash point	101		°C	160
Iodine number		120		113
Linolenic acid methyl ester		12	% m/m	10
Oxidation stability	8		hours	10
Phosphorus content		4,0	mg/kg	<0,5
Sulphur content		10	mg/kg	<2
Total contamination		24	mg/kg	<6
Viscosity at 40 °C	3,50	5,00		4,4
Water content		500	mg/kg	<250
Free glycerol		0,02	% m/m	<0,01
Monoglyceride content		0,70	% m/m	<0,6
Methanol		0,20	% m/m	<0,04
Diglyceride content		0,20	% m/m	0,09
Triglyceride content		0,20	% m/m	0,01
Total glycerol		0,25	% m/m	0,16
Alkali content (Na+K)		5,0	mg/kg	<1
Metal content II (Ca+Mg)		5,0	mg/kg	<1
OTHER PARAMETERS*				
Filter Blocking Tendancy		2,75*		<1,1
Styrol Glycocides Acetylated		10*	ppm	<5
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*Recommended values

