



Fame methods



according EN 14214	method	sample amount (ml)
Visual assessment	ASTM D 4176	100
Ester and linolenic acid methyl ester content	EN 14103	10
Density at 15°C	EN ISO 12185	50
Kinematic Viscosity at 40°C	EN 16896	50
Flash point P.M.	EN ISO 2719; method C	130
Sulfur content	EN ISO 20846	10
Oxidation stability	EN 14112	25
Acid number	EN 14104	50
Corrosiveness to copper — Copper strip test (3h at 50°C)*	EN ISO 2160	50
Iodine number	EN 14111	20
Polyunsaturated methyl ester content (PUFA)	EN 15779	10
Methanol content	EN 14110	10
Glycerides & Glycerol	EN 14105	10
Group I metals (Na+K)	EN 14538	10
Group II metals (Ca+Mg)	EN 14538	10
Phosphorus content	EN 14107	10
Cold filter plugging point (CFPP)	EN 116	150
Derived Cetane Number*	EN 16715	700
Sulfated ash content	ISO 3987	150
Cloud Point	EN 23015	150
Total contamination	EN 12662	800

Additional methods

Pour Point*	DIN ISO 3016	150
Peroxide value*	EN ISO 3960	50
Steryl glycosides (SG) contents*	EN 16934 modi.	50
Saturated Monoglycerides*	EN 17057	50
Wax content*	ISO / TS 23647	20
Saponification number*	DGF C-V-3	10
Ester value*	Calculation	-
Polymeres/Glycerides/FFA/FAME*	EN ISO 16931 modi.	50

* nicht akkreditiert

Contact:

Institut für Mineralölprodukte und Umweltanalytik GmbH
 address: Aufeldgasse 37 - 39, 3400 Klosterneuburg / Austria
 phone: +43 664-88907435
 mail: klosterneuburg@agrolab.at

www.AGROLAB.com/en



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