

Quality specification of FAME

Standard quality of FAME according EN14214:2012 for SUMMER period

Characteristic-Properties	Units	Specified values	Method of analysis
Content of polyunsaturated fatty acid (≥ 4 double bonds)	%(m/m)	< 1	EN 15779
Fatty acid methyl ester content	%(m/m)	> 96,5	EN 14103
Density at 15°C	kg/m ³	860-900	EN ISO 3675
Kinematic viscosity , at 40°C	mm ² /s	3,50 - 5,0	EN ISO 3104
Flash point	°C	> 101	EN ISO 2719
Water content (Karl Fischer-coulometric)	mg/kg	< 500	EN ISO 12937
Total contamination	mg/kg	< 24	EN 12662
Oxidation stability na 110°C	hours	> 8,0	EN 14112
Acid number	mg KOH/g	< 0,50	EN 14104
Iodine number	g I/100 g	< 120	EN 14214 / EN 14111
Linolenic acid methyl ester	%(m/m)	< 12,0	EN 14103
Methanol content	%(m/m)	< 0,20	EN 14110
Monoglyceride content	%(m/m)	< 0,70	EN 14105
Diglyceride content	%(m/m)	< 0,20	EN 14105
Triglyceride content	%(m/m)	< 0,20	EN 14105
Free glycerol	%(m/m)	< 0,02	EN 14105
Total glycerol	%(m/m)	< 0,25	EN 14105
Group I metals (Na+K)	mg/kg	< 5,0	EN 14538
Group II metals (Ca+Mg)	mg/kg	< 5,0	EN 14538
Phosphor content	mg/kg	< 4,0	EN 14107
Cold Filter Plug Point CFPP	(°C)	< - 10	EN 116
Pour Point	(°C)	< -10	HRN ISO 3016 / EN 116

*Product may contain additives : Baynox, Lanxess GmbH Germany (oxidative stability),



Ivan Corn
Production Director

Unique shipping note: EU- ISCC-Cert-DE100-20141279

Product is sustainable according EU Directive 2009/28/ES. It were used total default values.

Composition of FAME (origin and % content): 100% rapeseed oil

GHG savings are 38 % or/and GHG emissions are 52 ekv. g CO₂ / MJ, 1268,69 ekv.g CO₂/kg.

The quality of biodiesel confirmed in international accredited laboratory: report 1323/2013 AMEI, LAB, Budaors, Hungary
Report 1323/2013 AMEI- verified in ZIK d.o.o. Sisak according to HRN EN ISO/IEC 17025:2005



BIODIZEL VUKOVAR LLC
Tezacka medja 2
HR-32010 Vukovar
Croatia, Europe

Phone: +385 32 451-030
Fax: +385 32 451-041
E-mail: biodizel@biodizel.hr
Web: www.biodizel.hr

Company ID: 25923991936
MB: 2069474
MBS: 30087197
Register of Commercial Court
in Osijek

Bank account: EUR
Bank: Raiffeisen bank Austria Inc.
IBAN: HR9724840081103787696
Swift code: RZBHHR2X