Greenergy

Biodiesel

Date of sampling: 24.05.2017
Samples taken by: independent inspectors

TEST	UNIT	METHOD	RESULT
Acid value	mg KOH/g	EN 14104	0.01
Ash	% m/m	ISO 3987	< 0.01
Cetane number	-	EN ISO 5165	57.5
Cloud point	°C	IP 444	4.0
Cold filter plugging point	°C	BS EN 116	2
Copper corrosion	Class	EN ISO 2160	1a
Density at 15°C	kg/m³	EN ISO 12185	881.3
Ester content	% m/m	EN 14103	97.3
Flash point	°C	ISO 2719	167
Iodine value	gl/100g	EN 14111	91
Viscosity at 40°C	mm²/s	EN ISO 3104	4.65
Sodium & potassium content	mg/kg	EN 14108 & 14109	1
Calcium & magnesium content	mg/kg	EN 14538	0.1
Phosphorous	mg/kg	EN 14107	0.7
Methanol content	% m/m	EN 14110	0.01
Monoglyceride content	% m/m	EN 14105	0.3
Diglyceride content	% m/m	EN 14105	0.14
Triglyceride content	% m/m	EN 14105	0.04
Free glycerol	% m/m	EN 14106	0.002
Total glycerol	% m/m	EN 14105	0.12
Oxidation stability 110°C	hrs	EN 14112	9
Sulphur content	mg/kg	BS EN ISO 20846	10
Water content	mg/kg	EN ISO 12937	175