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Round Robin Tests FAME

Survey of parameters and methods

Round Robin Test FAME – Part 1

Parameter	Method
Content of fatty acid methyl ester and fatty acid profile	EN 14103:2015
	EN 14103:2020
Density at 15 °C	EN ISO 3675:1998
	EN ISO 12185:1996
Sulphur Content	EN ISO 20846:2011
	EN ISO 20884:2011
Water Content	EN ISO 12937:2000
	DGF C-III 13A
Oxidation Stability (at 110 °C)	EN 15751:2014
	EN 14112:2016
Acid Number	EN 14104:2003
Iodine Number	EN 14111:2003
	EN 16300:2012
Content of linolenic acid methyl esters	EN 14103:2015
	EN 14103:2020
Content of polyunsaturated methyl esters (≥ 4 double bonds)	EN 15779:2009 +A1:2013
Glycerol / Glycerides	EN 14105:2011
Content of Alkali metals (Na and K contents reported separately)	EN 14538:2006
Content of earth Alkali metals (Mg and Ca contents reported separately)	EN 14538:2006
Phosphorous content	EN 14107:2003
CFPP	EN 116:2015
Cloud point	EN 23015:1994

Round Robin Test FAME – Part 2

Parameter	Method
Kinematic Viscosity at 40 °C	EN ISO 3104:1996
	EN 16896:2016
Flash Point	EN ISO 2719:2016
	EN ISO 3679:2015
Methanol Content	EN 14110:2003
Pourpoint	EN ISO 3016:2019
Saturated monoglycerides	EN 17057:2018

Round Robin Test FAME – Part 3

Parameter	Method
Cetane number	EN ISO 5165:1998
	EN 15195:2014