

## TECHNICAL DATA

### UCOME Biodiesel

Parameters	Test Method	Values	EN 14214		Unit
			min.	max.	
Ester Content	EN 14103	>96,5	96.5	---	% (m/m)
Density at 15°C	EN ISO 12185	880	860	900	kg/m <sup>3</sup>
Kinematic Viscosity at 40°C	EN ISO 3104	4.5	3.5	5	mm <sup>2</sup> /s
Flash Point	EN ISO 3679	>170	120	---	°C
Cold Filter Plugging Point	EN 116	0	-	-	°C
Sulfur Content	EN ISO 20884	<5,0	---	10	mg/kg
Carbon Residue (10% Dest.)	EN ISO 10370	<0,2	---	0.3	% (m/m)
Cetane Number	IP 498	>54	51	---	--
Ash Content (Sulfated Ash)	ISO 3987	0.002	---	0.02	% (m/m)
Water Content	EN ISO 12937	<300	---	500	mg/kg
Total Contamination	EN 12662	<10	---	24	mg/kg
Copper Strip Corrosion	EN ISO 2160	1	1	Korr. Grad	
Oxidation Stability	EN 14112	>7,0	6	---	h
Acid Value	EN 14104	<0,5	---	0.5	mg KOH/g
Iodine Number	EN 14111	70 -90	---	120	g Iod/100g
Linolenic Acid	EN 14103	2.3	---	12	% (m/m)
Methanol Content	EN 14110	<0,01	---	0.2	% (m/m)
Free Glycerin	EN 14105	<0,01	---	0.02	% (m/m)
Monoglyceride Content	EN 14106	<0,35	---	0.8	% (m/m)
Diglyceride Content	EN 14107	<0,10	---	0.2	% (m/m)
Triglyceride Content	EN 14108	<0,10	---	0.2	% (m/m)
Total Glycerol	EN 14109	<0,10	---	0.25	% (m/m)
Phosphorus Content	EN 14107	<0,5	---	10	mg/kg
Group I Metals (Na + K)	EN 14108/14109	<0,5	---	5	mg/kg
Group II Metals (Ca + Mg)	EN 14538	<0,5	---	5	mg/kg



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