

Kiev, February 06, 2019

Certificate № UA-19/02/870

TEST PROTOCOL

Customer: BIOFUELS CENTER LLC
Ukraine, 04073, Kyiv, Prospekt Stepan Bandery, 11, of. 6

Products *: Fuel pellets from pine.

Sample selection: Performed by Customer.

Date of sample selection: 26.01.2019

Date of delivery to the laboratory: 01.02.2019

Date of test: 05.02.2019

№ of laboratory test: 3870

Test:

This sample is tested in accordance with regulatory documents as agreed with Customer



TEST RESULTS

Name of indicators	Value of indicators	Requirement ENplus-A1	Method
Dimensions: Length, L, mm: Diameter, D, mm:	15 6	$3,15 \leq L \leq 40$ 6 or 8	ISO 17829
Density, kg/dm ³	1,31	-	CEN/TS 15150
Total humidity, W _т , %	7,6	≤ 10.0	ISO 18134
Ash content, A _d , % (dry basis)	0,69	≤ 0.7	ISO 18122
Net Calorific Value, kWh/kg	4,8	≥ 4,6	ISO 18125
Bulk Density, BD, %	607	$600 \leq BD \leq 750$	ISO 17828
Mechanical Durability, MD, %	98,1	≥ 98	EN 15210-1
Nitrogen, %	0,001	≤ 0.3	ISO 16948
Sulfur, %	0,01	≤ 0.04	ISO 16994
Chlorine, %	0,002	≤ 0.02	ISO 16994

* According to Customer

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Kiev, Ukraine

UkrEnergCert General Manager



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