



**LABORATORY FOR TESTING OF SOLID BIOFUELS
AND COMPOST**

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FK 5.10.01

Certificate of Accreditation, Reg. No. 192 LI / 04. 01 .2016 valid until 04.01.2020, issued by EA BAS, in accordance with the requirements of standard BDS EN ISO/IEC 17025:2006

TEST REPORT
№ 32-L-PI-0132 / 23.03.2016

1 SOLID BIOFUELS - WOOD PELLETS

/sample name – type /

2 CUSTOMER */customer's name and address /*

EP 2012 LTD
STARA ZAGORA, 95 HADJI DIMITAR ASENOV STR.
MILEN MILCHEV

3 132/23.03.2016 / The sample is submitted by the client

/sample number, sample receiving day in the laboratory/

4 32-03-132 / 17.03.2016

/number and date of the request/

5 -

/number and day of the sampling report/

6 15 kg

/sample weight/

7 TEST METHOD */name and number of the standardized method/*

BDS EN 14774-2:2009
BDS EN 14774-3:2010
BDS EN 14775:2009
BDS EN 14918:2010

BDS EN 15104:2011
BDS EN 15103:2010
BDS EN 16127:2012
BDS EN 15210-1:2010

8 17-22.03.2016

/sample test performing period/

HEAD OF THE LABORATORY

/PHD E. Piskova/

.....

/signature and stamp/

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NOTE 1: Extracts from the test report may not be reproduced without written consent of the testing laboratory.

NOTE 2: The results are related only to the samples tested



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9 TEST RESULTS

No	PARAMETAR	UNIT	STANDARD	SAMPLE NUMBER	TEST RESULTS	LIMITS*	TEST CONDITIONS
1	Moisture content total Mar	%	BDS EN 14774-2:2009	Sample 132/23.03.2016 / wood pellets	9,18 ± 0,27	M10 ≤ 10*	105 °C
2	Moisture in the general analyzed sample Md	%	BDS EN 14774-3:2010		8,94 ± 0,12	-	105 °C
3	Ash content (dB) Ad	%	BDS EN 14775:2009		0,53 ± 0,06	A1,2 ≤ 1,2*	550 °C
4	Net calorific value (dB)	MJ/kg	BDS EN 14918:2010		19,14 ± 0,10	-	25 °C
5	Net calorific value (as resived)	MJ/kg	BDS EN 14918:2010		16,60 ± 0,09	Q16,5 ≥ 16,5*	25 °C
6	Total carbon content (dB)	%	BDS EN 15104:2011		52,31 ± 0,04	-	1100 °C
7	Total hydrogen content (dB)	%	BDS EN 15104:2011		5,35 ± 0,10	-	1100 °C
8	Total nitrogen content (dB)	%	BDS EN 15104:2011		0,093 ± 0,001	N0,3 ≤ 0,3*	1100 °C
9	Bulk density BD	kg/m ³	BDS EN 15103:2010		618 ± 2	BD600 ≥ 600*	25 °C
10	Diameter and Length	mm	BDS EN 16127:2012		5,99 ± 0,03 11,94 ≤ L ≤ 24,77	D06 6 ± 1* 3,15 ≤ L ≤ 40	25 °C
11	Mechanical durability DU	%	BDS EN 15210-1:2010		98,15 ± 0,94	DU97,5 ≥ 97,5	25 °C

* The test results correspond to the requirements of BDS EN 17225-1 and BDS EN ISO 17225-2, table 1 - class A1

END

RESPONSIBLE FOR THE TESTS:

.....
/E. Piskova/

.....
/N. Balimezov/

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