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GLOBAL TEST Testing Center

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TEST PROTOCOL

Protocol No. 30201 **Date** 27.06.2013 г. **Test request No.** 28963 / 26.06.2013 г.

Applicant:	ELVIRIS Ltd
Applicant Address:	Sofia, Bulgaria
Date sample presented:	25.06.2013 г. **Laboratory journal entry No:** 7424
Tested object:	**Pellets, φ6 mm**
Manufacturer:	ELVIRIS Ltd
Technical requirements:	Pelets. Test parameters are shown on the next page / БДС EN 14961-2:2011
Batch size:	x **Sample size:** 10 kg
Place sample taken:	village of Maritza, Samokov, Bulgaria **Sample taken by:** Ivaylo Nedelchev

Conclusion:

Tested sample complies with the requirements for Class A1 - EN 14961-2:2011

Test performed by:

Dipl. Eng. Yana Georgieva

Chief of the Test Centre:

Dimitar Tanev, Dipl. Eng.

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Test results are listed on pages 2 through 2.

NOTE: The test results pertain to the tested sample only. Excerpts and/or copies of the Test Protocol may not be made without the written consent of the test laboratory.

The tested samples are not subject to return to the applicant due to the destructive nature of the tests performed.

An electronic version of this protocol for verifying its authenticity is available at:
www.globaltest-bg.com/authenticity/ using the following security code: CC1ADA77.

Characteristic	Method	Meas. Unit	Allowed value	Result	Uncertainty	Measuring Conditions
Solid biofuels - Determination of total content of sulfur and chlorine	EN 15289:2011	%	S ≤ 0.08	S - 0.02	-	T = 23.7 □C RH = 40.2 %
Solid biofuels - Determination of ash content	EN 14775:2009	%	≤ 0,70	0,49	-	T = 23.7 □C RH = 40.2 %
Solid biofuels - Determination of calorific value	EN 14918:2009	kJ/kg	≥ 16519	18960	-	T = 23.7 □C RH = 40.2 %
Solid biofuels - Determination of moisture content - Oven dry method - Part 2: Total moisture - Simplified method	EN 14774-2:2009	%	≤ 10	8,1	-	T = 23.7 □C RH = 40.2 %
Solid biofuels - Determination of mechanical durability of pellets and briquettes - Part 1: Pellets	EN 15210-1:2009	%	≥ 97,50	98,21	-	T = 23.7 □C RH = 40.2 %
Solid biofuels - Determination of bulk density	EN 15103:2009	kg/m³	≥ 600	628,6	-	T = 23.7 □C RH = 40.2 %

Note: **Sample is provided personally by the applicant.**

D E C L A R A T I O N № 30201 / 27.06.2013 r.:

The Management of GlobalTest Testing Centre declares that all methods, according to which the tests (measurements) are performed, the standards for technical requirements, the regulations or directives, mentioned above, are effective and actual on the date of issuing of this Protocol.

Quality assurance

(Dipl. Eng. Yana Georgieva)

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