



**TYPE A INSPECTION BODY
of National Center of Radiobiology and
Radiation Protection**

Accredited to БДС EN ISO/IEC 17020:2005 by Bulgarian Accreditation Service, Certificate №251 OKA, issued on 09.09.2011, valid until 30.09.2015 (date of initial accreditation 03.08.2007)
Building 7, 3 Sv. Georgi Sofiyski St., BG-1606 Sofia, Bulgaria
phone (359)28621134, fax (359)28621059

Unit 4 "Public Exposure Monitoring"
phone (359)29533508

mailto:v.badulin@ncrrp.org

TO WHOM IT MAY CONCERN:

**INSPECTION CERTIFICATE
for activity concentration of radionuclides in commodities
№GC185/2013.10.03**

- 1. Identification of the customer:** GTI - Computers EOOD – 1 Nikolay Gogol St., BG-1123 Sofia, Bulgaria
- 2. Identification of the inspected object:** wood pellets from softwood (provided by the customer) – material containing radionuclides
- 3. Description of the inspection work ordered:** determination of activity concentration of radionuclides of artificial origin by gamma-ray spectrometry
- 4. Type of the inspection:** inspection of product in use
- 5. Inspection results (statement of conformity):**

The inspected object **conforms** to the requirements for exclusion of the International Atomic Energy Agency's safety guide "Application on the concepts of exclusion, exemption and clearance. Safety Standards Series, No. RS-G-1.7" (IAEA, Vienna, 2004):

activity concentration of Cs-137 < 0.1 Bq/g.

Handling and use of the material (in particular, national and international trade) should not be subject to regulatory control for the purposes of radiation protection.

Supplement: Inspection Report №GR185/2013.10.03 – integral part of this Inspection Certificate, total number of pages 2

Unit 4 Head (assessed the conformity):
Rositsa Kamenova-Totseva, Sen. Researcher

Inspection Body Head:
Mimi Pavlova



ФК 13-33



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TO WHOM IT MAY CONCERN:

**INSPECTION REPORT
for activity concentration of radionuclides in commodities
№GR185/2013.10.03**

- 1. Identification of the customer:** GTI - Computers EOOD – 1 Nikolay Gogol St., BG-1123 Sofia, Bulgaria
- 2. Identification of the inspected object:** wood pellets from softwood (provided by the customer) – material containing radionuclides
- 3. Description of the inspection work ordered:** determination of activity concentration of radionuclides of artificial origin by gamma-ray spectrometry
- 4. Type of the inspection:** inspection of product in use
- 5. Sample identification number:** C414/131003ce
- 6. Date and place of inspection:** 03.10.2013, IB A of the NCRPP
- 7. Inspection method:** gamma-ray spectrometry for radionuclides content according to International Standard IEC 61452 (1995-09)
- 8. Inspection procedure:** 4-ПК-08 – inspection procedure for activity concentration of radionuclides in commodities and materials containing radionuclides, by gamma-ray spectrometry
- 9. Equipment used for measuring:**
 - HPGe gamma spectrometer 4/03/OK (CC №81-ИЙЛ/14.06.2013);
 - analytical balance BJ2100D Precisa Switzerland serial №W47296 4/11/OK (CC №78/18.06.2013)

10. Inspection results:

<i>Estimated value</i>	<i>Radionuclide</i>
activity concentration, Bq/kg	2.10
combined standard uncertainty (1 σ), Bq/kg	0.34

Note: The inspection results relate exclusively to the tested sample of inspected object

Performed the inspection:

Victor Badulin, Sen. Researcher

The inspection report shall not be reproduced except in full without the approval of the inspection body and the customer. The report can be withdrawn in case of its unauthorised reference or misuse.