

Faculty of Veterinary medicine  
University of Belgrade  
Department of Radiology and  
Radiation hygiene  
Bulevar Oslobođenja 18  
Belgrade  
Serbia



**Client**

» Center for food analysis«  
Zmaja od Noćaja 11  
Belgrade  
Serbia  
Tel. 011-2625-077

Department of Radiology and  
Radiation hygiene  
Tel. 011-2685-291  
Fax 011-2685-291  
E-mail: radijacija@vet.bg.ac.rs

**SUBJECT: EXAMINATION REPORT NO. 2021/538**

**SAMPLE ACCEPTANCE DATE: 02.04.2021.**

**SAMPLE ANALYSES DATE: 02.04.2021.**

**DATE OF ISSUING REPORT: 05.04.2021.**

According to your requirement No.IU-J-2 dated 01/04/2021., the examination regarding the presence of radionuclides is done within the delivered sample and the following report has been made:

**1. Sample:**

IU – J – 00002 Biopro 15 (Defatted toasted soybean grits )

**2. Quantity/mass:/**

**3. Country of Origin:**

**4. Importer:/**

**5. Vehicle number:/**

**6. Sampler:/**

**7. Link to sampling proceedings:/**

**8. Investigation method:** The sample preparation included homogenization and weighing into a suitable container (IAEA TRS 295). The examination has been done by the method of low-level gamma spectrometry on HPGe detector based on IAEA TRS 295. For detector calibration Czech Metrological Institute referents standards were used.

**9. Results:**

| Radionuclide content in the sample<br>(Bq /kg) |          | ACCORDING<br>REGULATIONS |
|--|----------|--------------------------|
| <sup>137</sup> Cs                              | < 0,6    | YES                      |
| <sup>40</sup> K                                | 661 ± 29 |                          |

**10. Conclusion:** The results of measured radioactivity in the delivered sample show **no radionuclide presence beyond the regulations** (Council Regulation (EC) No: 733/2008 of 15 July 2008 and 1048/2009 of 23.October 2009.)

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Examiner:

Dr sci. vet. med. Branislava Mitrović

Head of Department:

Redovni profesor

Dr sci. vet. med. Nikola Krstić

1. It is forbidden to distribute analysis results without approval from Faculty of veterinary medicine, Department for Radiology and radiation Hygiene
2. Results are valid only for examined sample.

FVM RH ZA/3