

To:

Beoflos d.o.o. Beograd

Vjekoslava Afrića 11/23, PAK: 143509

11160 Beograd

Belgrade, 28.01.2020.

LABORATORY ANALYSIS REPORT no. 4001130607-2

Request: 13.01.2020.

Tested by: Laboratory Anahem Belgrade

Required tests: Gamma spectrometry analysis content of radionuclide

Sample mark: 4001130607-2

Sample: Thyme essential oil

Country of origin*: -

Sample quantity*: -

Supplier*: -

Importer*: -

Sampling performed: Delivered sample

Sampling date: 13.01.2020.

Vehicle*: -

Date of receipt of the sample: 13.01.2020.

Table 1. Test[#] results

Parameter	Results	MRL	Method
1. Specific activity Cs-137 (Bq/kg)	<2,0	600	IAEA TRS 295:1989
2. Specific activity Cs-134 (Bq/kg)	<2,0	-	IAEA TRS 295:1989
3. Specific activity U-238 (Bq/kg)	<3,0	-	IAEA TRS 295:1989

MRL - Maximum residue levels of radionuclide content in drinking water, food stuffs, animal feed, medicine, objects for general use, building materials and other goods placed on the market (Official Gazette of RS 36/2018).

Analysis was performed on gamma spectrometric system with HP Ge EG&G ORTEC detector, software using Gamma Vission. For calibrating the gamma spectrometer was used reference radioactive material (MBSS2, Czech Metrology Institute). The sample was prepared for analysis according to the method IAEA TRS 295:1989. In the sample records not found natural radionuclides and unnatural radionuclides excess of the maximum value.

Report prepared:



Petar Dimitrijević, M. Sc.

Measurement performed:



Zdravko Vranješ, M. Sc.



Controlled and approved by:


 Mr.spec. Žaklina Toporović, M. Sc.

* Information obtained from the contracting authority