

Datum 23. 01. 2018

Broj izv. 1058



IDENTIFICATION OF ANALYZED SAMPLE
Number R18-695 / R18011803

Directive for analysis: from 15.01.2018

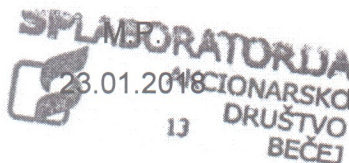
Sample number	R18011803
Sample name	JUMBO BAG
Expert estimation: Based on test results, in accordance with the provisions of the Law on the healthfulness of the objects of general use article 3, 6 and 7 (Official Gazette of RS 92/2011) and relevant bylaws Examined sample is HEALTH CORRECT	
Based on these data and the results of the analyzed parameters, tested sample is in compliance with art.2, art.6, art.44 and art.61 (art.25, paragraph 1 and 2) Regulation on conditions in terms of health and safety items of general use which can be placed on market (Official Gazette of SFRJ 26/83, 61/84, 56/86, 50/89, 18/91) and art.3 Regulation on the limit value of the total level of lead, cadmium, mercury and hexavalent chromium in packaging or its components, exceptions to the application and the time limit for the application of the limit value (Official Gazette of RS 70/2009).	

APPENDIX:

*Report on examination of the radioactivity of 2018/110 for sample R1801 1803

Analysis was done on Faculty Veterinary medicine University of Belgrade, Department of Radiology and Radiation hygiene, Bulevar Oslobođenja 18.

Aleksandra Bauer MS
General Manager



Mila Komarčić
Doctor - specialist in hygiene

Sent to

1. Applicant
2. Archive

Statement:

1. Results of the analysis are referred only to the examined sample.
2. This report must not be multiplied, except on the whole, with approval of the SP LABORATORY.

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CERTIFICATE OF ANALYSIS R18-695
Sample number: R18011803

Applicant	LIFTPACK DOO ZA PROIZVODNJU I USLUGE NOVI SAD, Vardarska 1c, lokal 5
Directive for analysis	from 15.01.2018
Sample name	JUMBO BAG
Asked analysis	Health safety
Sampling data	Sample was delivered 15.01.2018
Sample receiving date	15.01.2018
Start testing date	15.01.2018
End testing date	23.01.2018
Report number	R18-695

APPENDIX:

*Report on examination of the radioactivity of 2018/110 for sample R1801 1803

Analysis was done on Faculty Veterinary medicine University of Belgrade, Department of Radiology and Radiation hygiene, Bulevar Oslobođenja 18.


Aleksandra Bauer MS
General Manager


SP LABORATORIJA
M.P.
AKCIONARSKO
DROŠEVO
BEČEJ
23.01.2018


Milica Rankov Šicar MS
of Samples Booking and Analysis
Supervision Dpt.

Sent to

1. Applicant
2. Archive

Statement:

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R18011803: JUMBO BAG

Identification:

Producer: LIFTPACK DOO , Novi Sad, Vardarska 1c

Sample purpose: for the food industry

Quantity of sample: 1 pieces

General look: Sample is polypropylene jumbo bags. Sample is according to delivered documentation made of polypropylene fabrics, straps and ropes and will be used in the food industry. Sample surface are without damage and irregularities, characteristic shape. The bag has an opening on one foreign while the other page (bottom) is stitched with a rope.

Color: white

Stability (The stability of the inner surface of the sample that comes into contact with the foods on the effect of the solution model - 3% (v/v) acetic acid for 24 hours at T=20±2°C): without visible changes

dpl. Ing. Ljiljana Nikolić

Microbiological examination:

Analysis	Result	Reference data	Methods	
Sulphitoreducing clostridia (37°C)	Negative	Negative In 1cm ³ rinsed swab taken from 25cm ² , counted on 1cm ²	SRPS ISO 15213:2011	Counting
Salmonella	Negative	Negative In 1cm ³ rinsed swab taken from 25cm ² , counted on 1cm ²	SRPS EN ISO 6579:2008	Detection
Coagulase positive Staphylococcae	Negative	Negative In 1cm ³ rinsed swab taken from 25cm ² , counted on 1cm ²	SRPS EN ISO 6888-3:2009	Detection and counting
Escherichia coli	Negative	Negative In 1cm ³ rinsed swab taken from 25cm ² , counted on 1cm ²	ISO 7251:2005	Detection and counting
Proteus	Negative	Negative In 1cm ³ rinsed swab taken from 25cm ² , counted on 1cm ²	VM/MET 316 ¹⁾	Isolation and identification
Total plate count (30°C) [1cm ³ rinsed swab taken from 25cm ² of the surface counted on 1cm ²]	0	max 10	SRPS EN ISO 4833-1:2014	Counting

¹⁾Outside the scope of accreditation

Note:

Source of reference values: art.6 Regulation on conditions in terms of health and safety items of general use which can be placed on market (Official Gazette of SFRJ 26/83, 61/84, 56/86, 50/89, 18/91).

Results of physical-chemical testing:

Specific migration of elements from the inner surface of the sample that comes into contact with foods on the effect of the solution model - 3%(v/v) acetic acid for 24 hours at T=20±2°C:

Analysis	Result	Reference data	Methods	
Lead (Pb) [mg/l]	< 0,005	max 0,5	VM/MET 876	ICP/MS
Cadmium (Cd) [mg/l]	< 0,005	max 0,05	VM/MET 876	ICP/MS
Chromium (Cr) [mg/l]	< 0,005	max 0,1	VM/MET 876	ICP/MS
Molybdenum (Mo) [mg/l]	< 0,005	max 0,1	VM/MET 876	ICP/MS
Arsenic (As) [mg/l]	< 0,005	max 0,1	VM/MET 876	ICP/MS
Mercury (Hg) [mg/l]	< 0,001	max 0,01	VM/MET 876	ICP/MS
Selenium (Se) [mg/l]	< 0,005	max 0,5	VM/MET 876	ICP/MS
Barium (Ba) [mg/l]	< 0,005	max 0,5	VM/MET 876	ICP/MS
Zinc (Zn) [mg/l]	0,032	max 50	VM/MET 876	ICP/MS
Tin (Sn) [mg/l]	< 0,01	max 10	VM/MET 876	ICP/MS
Cobalt (Co) [mg/l]	< 0,01	max 5	VM/MET 876	ICP/MS

Note:

Source of reference values: art.25 (paragraph 1) Regulation on conditions in terms of health and safety items of general use which can be placed on market (Official Gazette of SFRJ 26/83, 61/84, 56/86, 50/89, 18/91).

Metal content in packaging:

Analysis	Result	Methods	
Lead (Pb) [mg/kg]	0,204	SRPS CR 13695-1:2008	ICP/MS
Cadmium (Cd) [mg/kg]	< 0,001	SRPS CR 13695-1:2008	ICP/MS
Mercury (Hg) [mg/kg]	< 0,001	VM/MET 873	ICP/MS
Chromium (Cr) [mg/kg]	0,659	VM/MET 873 ¹⁾	ICP/MS

¹⁾Outside the scope of accreditation

Results of physical-chemical testing:

Total migration of low molecular organic and inorganic substances from the inner surface of the sample that comes into contact with foods on the effect of the solution model - 3%(v/v) acetic acid for 24 hours at T=20±2°C:

Analysis	Result	Reference data	Methods	
Total migration [mg/dm ²]	1,2	max 10	VM/MET 880	Gravimetry

Note:

Source of reference values: art.25 (paragraph 2) Regulation on conditions in terms of health and safety items of general use which can be placed on market (Official Gazette of SFRJ 26/83, 61/84, 56/86, 50/89, 18/91) . .

Analysis	Result	Reference data	Methods	
Test on residual odor	Without residual odor	Without residual odor	Hand book ¹¹⁸⁾ 1)	Sensory

¹⁾Outside the scope of accreditation

Note:

Source of reference values: art.44 Regulation on conditions in terms of health and safety items of general use which can be placed on market (Official Gazette of SFRJ 26/83, 61/84, 56/86, 50/89, 18/91).

¹¹⁸⁾Curaković M., Vujković I., Gvozdenović J., Lazić V.: Control of packaging materials and packaging, 1992


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Specialist of Food Microbiology


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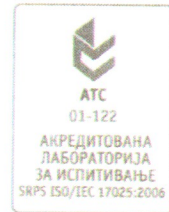
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FAKULTET VETERINARSKЕ MEDICINE
U BEOGRADU
KATEDRA ZA RADIOLOGIJU
I RADJACONU HIGIJENU

BR. 110

22.01.2018. GOD
BEOGRAD



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SUBJECT: EXAMINATION REPORT NO. 2018/110

SAMPLE ACCEPTANCE DATE: 19.01.2018.

DATE OF ISSUING REPORT: 22.01.2018.

According to your requirement No. 16794 dated 17.01.2018., the examination regarding the presence of radionuclides is done within the delivered sample and the following report has been made:

R E S U L T

Sample:

1.JUMBO BAG..... Anal.No/No of sample:R1801 1803

Requirement No: /

Work Order No: R18-695

Evidential number: 18/110

Radionuclide content in the sample (Bq/kg)	
¹³⁷ Cs	⁴⁰ K
< 0,2	< 2,1

The results of measured radioactivity in the delivered sample **show no radionuclide presence beyond the regulations** (Official Gazette RS 86/2011 issued 18.11.2011. and Official Gazette RS 97/13 issued 6.11.2013.)

The examination has been done by the method of low-level gamma spectrometry on HPGe detector based on IAEA Technical Report 295.

Deliver to:

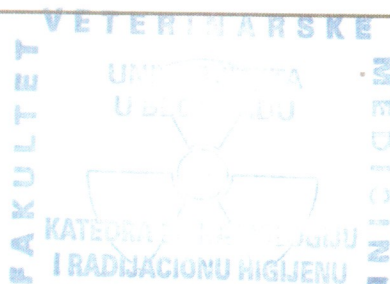
- 1.Client
- 2.Archive

Examiner:

Stručni saradnik

Andrić Velibor dipl. fiz. hem.

Andrić Velibor



Head of Department:

Dr sci. vet. med. Branislava Mitrović

Branislava Mitrović

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