



APPENDIX TO THE TEST REPORT
R23-5906 for sample R23032692

Order for analyses: 59 from 16.03.2023

Sample number	R23032692
Sample name	BIOPRO 10 - Skim toasted soy flour
Based on test results and according the Law on Food Safety art.25, art. 26 (Official Gazette of RS no. 41/2009, 17/2019) sample is FIT FOR HUMAN CONSUMPTION.	
Based on these data examined sample is in compliance with art.26 Regulation of the quality albuminous products and a mixture of albuminous products for the food industry (Official Gazette of SFRJ 41/85).	
STATEMENT OF CONFORMITY MICROBIOLOGICAL TESTING: Results of the analyzed parameters are SATISFACTORY in relation to product specifications.	
STATEMENT OF CONFORMITY PHYSICAL-CHEMICAL CONTAMINANTS/RESIDUES TESTING: Based on the results of the analyzed parameters sample is in compliance with art.3 appendix 2, art.5, appendix 4, art.6 and art.7 Regulation on the maximum permitted quantities of residues of plant protection products in food and feed (Official Gazette of RS no. 91/2022). Based on the results of the analyzed parameters sample is in compliance with art.2 appendix 1, art.3 Regulation on maximum concentrations of certain contaminants in food (Official Gazette of RS 81/2019, 126/2020, 90/2021, 118/2021, 127/2022).	
STATEMENT OF CONFORMITY PHYSICAL-CHEMICAL TESTING: Based on the results of the parameters analyzed sample is in compliance with art.23 and art.26 Regulation of the quality albuminous products and a mixture of albuminous products for the food industry (Official Gazette of SFRJ 41/85) (Note: conformity cannot be confirmed, with a confidence level of 95% for extended measurement uncertainty, for Crude ash, calculated on dry matter and Crude cellulose, calculated on dry matter and Urease activity)	

APPENDIX:

Report on examination of the radioactivity of 2023/571 for sample R23032692

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

24.03.2023

Predrag Vulićević MS
Specialist in Sanitary Chemistry

By test report number R23-5906 sample was analyzed R23032692.

When providing statement of conformity, a binary (simple) decision rule with shared risk without guard band was applied. Decision rules are available on the website www.splaboratorija.rs/dokumenta in the document Decision rules (excerpt from POS 021 Reporting of results)..

Statement:

1. This report shall not be multiplied, except in full, without approval of SP LABORATORIJA.
2. The test results refer only to the test sample.
3. The test results are applied only to the sample as received, except when the SP LABORATORIJA is responsible for the sampling phase.
4. SP LABORATORIJA is responsible for all data presented in the Test Report except for those obtained from the customers.
5. SP LABORATORIJA disclaims responsibility for the validity of the results for whose statements the data obtained from the customers have been used.
6. SP LABORATORIJA disclaims responsibility for statements of conformity issued on the basis of testing of aggregate samples at the request of the customer
7. Test location in SP LABORATORIJA: Industrijska 3, 21220 Bečej
8. According to art.25 Law on Business Company ("Official Gazette of RS", no. 36/2011, 99/2011, 83/2014 - other law, 5/2015, 44/2018, 95/2018, 91/2019 and 109/2021) test report and appendix to the test report is valid without a stamp



www.q-s.de
Approved for residue
monitoring fruit,
vegetables, potatoes



SP Laboratorija is GMP+ B11 registered laboratory under number GMP049738



TEST REPORT R23-5906 / R23032692
Sample number: R23032692

Applicant	PRIVREDNO DRUŠTVO ZA EKONOMSKE, FINANSIJSKE, INFORMATIČKE I TRGOVINSKO-PROIZVODNE USLUGE BANKOM DRUŠTVO SA OGRANIČENOM ODGOVORNOŠĆU BEOGRAD, BULEVAR NIKOLE TESLE 30A, Beograd-Zemun, Bulevar Nikole Tesle 30/A
Order for analyses	59 from 16.03.2023.
Sample name	BIOPRO 10 - Skim toasted soy flour
Required analyses	Product safety + Analysis by client's request
Sampling data	Sample was delivered 16.03.2023.
Sample receiving date	16.03.2023.
Start testing date	17.03.2023.
End testing date	24.03.2023.
Date of issue of the report	24.03.2023.

APPENDIX:

Report on examination of the radioactivity of 2023/571 for sample R23032692

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

By test report number R23-5906 sample was analyzed R23032692.

R23032692: BIOPRO 10 - Skim toasted soy flour

Identification:

Net quantity of delivered sample: 7 x 0,500 kg

Data obtained from customer:

Expiry date: 13.03.2025.

Number lot: 130323E1A14838

Sample was delivered properly packed in closed non-original packaging

-General look:

Sample was delivered properly packed, in bulk. With a sample was delivered documentation with data about the sample.

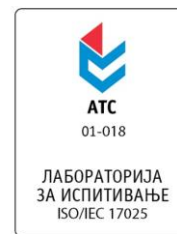
Based on delivered documentation, Sample is BIOPRO 10 - Skim toasted soy flour. Sample is characteristic consistency, pale golden color, with no foreign odors. Sample It contains no foreign visible impurities, or metal shavings (test with magnet).

Analysis	Result	Reference data	Methods	
Weight of sample [g]	3200	-	VM/ MET 624 ¹⁾	Gravimetry
Mass of detected metal shavings [g]	0	-	VM/ MET 624 ¹⁾	Gravimetry
Content of metal shavings [%]	0	Not allowed	VM/ MET 624 ¹⁾	Gravimetry

¹⁾Outside the scope of accreditation



www.q-s.de
 Approved for residue monitoring fruit, vegetables, potatoes



SP Laboratorija is GMP+ B11 registered laboratory under number GMP049738

Note:

Source of reference values: art.26 paragraph 3 Law on Food Safety (Official Gazette of RS 41/2009, 17/2019).

For the Sensory Testing Department: Tatjana Popov MS

Microbiological testing:

Analysis	I sample unit	II sample unit	III sample unit	IV sample unit	V sample unit	Reference data	Methods	
Aerobic mesophilic bacteria (30°C) [CFU/g]	340	360	250	270	300	- n=5 c=2 m=10 ⁴ M=10 ^{5 3)}	SRPS EN ISO 4833-1:2014	Counting
Yeasts and molds [CFU/g]	< 10 ²⁾	< 10 ²⁾	< 10 ²⁾	< 10 ²⁾	< 10 ²⁾	- n=5 c=2 m=10 ² M=10 ^{3 3)}	SRPS ISO 21527-2:2011	Counting
Enterobacteriaceae (37°C) [CFU/g]	< 10 ²⁾	< 10 ²⁾	< 10 ²⁾	< 10 ²⁾	< 10 ²⁾	- n=5 c=2 m=10 M=10 ^{2 3)}	SRPS EN ISO 21528-2:2017	Counting
Clostridium perfringens [CFU/g]	< 10 ²⁾	< 10 ²⁾	< 10 ²⁾	< 10 ²⁾	< 10 ²⁾	- n=5 c=0 m=M=10 ³⁾	SRPS EN ISO 7937:2010	Counting
Salmonella spp. [/25g]	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected n=5 c=0 ³⁾	SRPS EN ISO 6579-1:2017/A1:2020	Detection
Bacillus cereus (30°C) [CFU/g]	< 10 ²⁾	< 10 ²⁾	< 10 ²⁾	< 10 ²⁾	< 10 ²⁾	- n=5 c=0 m=M=50 ³⁾	SRPS EN ISO 7932:2009	Counting
Listeria monocytogenes (37°C) [/25g]	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected n=5 c=0 ³⁾	SRPS EN ISO 11290-1:2017	Detection
Escherichia coli (44°C) [CFU/g]	< 10 ²⁾	< 10 ²⁾	< 10 ²⁾	< 10 ²⁾	< 10 ²⁾	- n=5 c=0 m=M=10 ³⁾	SRPS ISO 16649-2:2008	Counting
Staphylococcus aureus (37°C) [MPN/g]	0	0	0	0	0	- n=5 c=0 m=M=1 ³⁾	SRPS EN ISO 6888-3:2009	Detection and counting
Sulphitoreducing clostridia (37°C) [CFU/g]	< 10 ²⁾	< 10 ²⁾	< 10 ²⁾	< 10 ²⁾	< 10 ²⁾	- n=5 c=0 m=M=10 ³⁾	SRPS ISO 15213:2011	Counting

²⁾Limit of quantification (LOQ); ³⁾Value of product specification

Note:

Source of reference values: product specification.

Results of physical-chemical residue pesticide testing:

Analysis	Result	Expanded measurement uncertainty ⁹⁾	Methods	
Residue of pesticides (shown in the table 1) [mg/kg]	< 0,003 ²⁾	± 50%	SRPS EN 15662	GC/MS/MS
Residue of pesticides (shown in the table 2) [mg/kg]	< 0,005 ²⁾	± 50%	SRPS EN 15662	GC/MS/MS
Residue of pesticides (shown in the table 3) [mg/kg]	< 0,01 ²⁾	± 50%	SRPS EN 15662	GC/MS/MS
Residue of pesticides (shown in the table 4) [mg/kg]	< 0,01 ²⁾	± 50%	SRPS EN 15662	LC/MS/MS
Residue of pesticides (shown in the table 5) [mg/kg]	< 0,01 ²⁾	± 50%	VM/MET 887	GC/MS/HSS

²⁾Limit of quantification (LOQ); ⁹⁾Extended measurement uncertainty is expressed as a combined standard measurement uncertainty increased by the coverage factor k = 2 for a confidence level of approximately 95%
 Determination of pesticide residues by SRPS EN 15662; VM/MET 887 is within the flexible scope of accreditation.

Note:

Source of reference values: art.3 appendix 2, art.5, appendix 4, art.6 and art.7 Regulation on the maximum permitted quantities of residues of plant protection products in food and feed (Official Gazette of RS no. 91/2022)

Results of physical-chemical contaminants/residues testing:

Analysis	Result	Expanded measurement uncertainty ⁹⁾	Reference data	Methods	
Cadmium (Cd) [mg/kg]	0,105	± 0,0263	-	SRPS EN 15763	ICP/MS
Lead (Pb) [mg/kg]	0,019	± 0,0048	-	SRPS EN 15763	ICP/MS
Arsenic (As) [mg/kg]	0,014	± 0,0035	-	SRPS EN 15763	ICP/MS
Mercury (Hg) [mg/kg]	< 0,01 ²⁾	± 25%	-	SRPS EN 15763	ICP/MS
Aflatoxin (B1) [µg/kg]	< 0,3 ²⁾	± 44%	max 2	VM/MET 913	LC/MS/MS
Aflatoxin (B1+B2+G1+G2) [µg/kg]	< 0,3 ²⁾	± 44%	max 4	VM/MET 913	LC/MS/MS
Ochratoxin A [µg/kg]	< 0,8 ²⁾	± 44%	-	VM/MET 913	LC/MS/MS

²⁾Limit of quantification (LOQ); ⁹⁾Extended measurement uncertainty is expressed as a combined standard measurement uncertainty increased by the coverage factor k = 2 for a confidence level of approximately 95%
 Determination of metals and metalloids by SRPS EN 15763 is within the flexible scope of accreditation. Determination of mycotoxins and plant toxins by VM/MET 913 is within the flexible scope of accreditation.

Note:

Maximum allowable values by art.2 appendix 1 Regulation on maximum concentrations of certain contaminants in food (Official Gazette of RS 81/2019, 126/2020, 90/2021, 118/2021, 127/2022) are for:

- legumes
- Lead (Pb): 0,2mg/kg (point3.1.8.)
- oilseeds (soybeans)
- Cadmium (Cd): 0,2mg/kg (point3.2.11.3.)
- Arsenic (As): not defined

Source of reference values: art.2 appendix 1, art.3 Regulation on maximum concentrations of certain contaminants in food (Official Gazette of RS 81/2019, 126/2020, 90/2021, 118/2021, 127/2022).

Results of physical-chemical testing

Analysis	Result	Expanded measurement uncertainty ⁹⁾	Reference data	Methods	
Water content [%]	5,86	± 0,363	max 8	Regulation, Method 1 ¹⁰³⁾	Drying
Crude protein (N*6,25), calculated on dry matter [%]	53,39	± 1,335	min 47	SRPS EN ISO 16634-1:2010	Method of total combustion
Crude ash, calculated on dry matter [%]	6,5	± 0,36	max 6,5	NMKL 173, 2nd Ed.:2005	Annealing
Crude fat, calculated on dry matter [%]	0,96	± 0,050	max 2	Regulation, Method 2 ¹⁰³⁾	Soxhlet
Crude cellulose, calculated on dry matter [%]	2,95	± 0,561	max 3,5	SRPS ISO 5498:1996	Weende
Urease activity	0,29	± 0,046	max 0,3	AOCS Ba 9-58:2017	Potenciometry
Granulation (falling through the sieve 0,25 mm) [%]	100		min 90	SRPS ISO 2591-1:1992	Sieving, Gravimetry

⁹⁾Extended measurement uncertainty is expressed as a combined standard measurement uncertainty increased by the coverage factor k = 2 for a confidence level of approximately 95%

Note:

Source of reference values: art.23 and art.26 Regulation of the quality albuminous products and a mixture of albuminous products for the food industry (Official Gazette of SFRJ 41/85).

Testing of genetic modification:

Analysis	Result	LOD [%]	Methods	
Detection of genetic modification-GTS 40-3-2 (RoundUp Ready)	Not detected	0,05	JRC GMO Protocol ¹⁵⁹⁾	Real Time PCR

LOD - limit of detection

Tests JRC GMO Protocol are within the flexible scope of accreditation.

Note:

According to article 3 of the Law on Genetically Modified Organisms (Official Gazette of RS 41/2009), genetically modified organisms is not considered an agricultural product of vegetable origin contain up to 0.9% threshold of genetically modified organisms and impurities of genetically modified organisms.

Seed and reproductive material are not considered genetically modified organisms if contain up to 0.1% threshold of genetically modified organisms and impurities of genetically modified organisms.

Table 1 - List of analyzed pesticide residues (LFO 001) in the delivered sample with the determined concentrations <LOQ (limit of quantification)	
Cadusafos	Fensulfothion

Table 2 - List of analyzed pesticide residues (LFO 001) in the delivered sample with the determined concentrations <LOQ (limit of quantification)	
Captan-Tetrahydroptalimide (THPI)	

Table 3 - List of analyzed pesticide residues (LFO 001) in the delivered sample with the determined concentrations <LOQ (limit of quantification)					
2,4-DDT	4,4' - DDD	4,4' - DDE	4,4' - DDT	Acetochlor	Aclonifen
Acrinathrin	Alachlor	Aldrin	Dieldrin	Alpha-BHC	Aramite
Atrazin	Azinphos-ethyl	Azinphos-methyl	Beflubutamid	Benalaxyl	Benfluralin
Benthiavalicarb-isopropyl	Beta-BHC	Bifenox	Bifenthrin	Biphenyl	Bitertanol
Boscalid (Nicofen)	Bromophos-ethyl	Bromopropylate	Bromuconazole I	Bromuconazole II	Bupirimate
Buprofezin	Butralin	Captafol	Captan	Carboxin	Carfentrazone-ethyl
Chlorbenside	Chlordan-cis	Chlordan-trans	Chlorfenapyr	Chlorfenson	Chlorfenvinphos
Chlorobenzilate	Chlorothalonil	Chlorpropham	Chlorpyrifos-ethyl	Chlorpyrifos-methyl	Chlorthal-dimethyl
Chlozolinate	Cinidon-ethyl	Clomazone	Cyflufenamid	Cyfluthrin I	Cyfluthrin II
Cyfluthrin III	Cyfluthrin IV	Cyhalofop-butyl	Cypermethrin I	Cypermethrin II	Cypermethrin III
Cypermethrin IV	Cyproconazole	Cyprodinil	Delta-BHC	Deltametrin	Diallate I
Diallate II	Diazinon	Dichlobenil	Dichlorvos	Diclofop methyl	Dicloran
Difenoconazol	Diflufenican	Dimethachlor	Dimethipin	Dimethomorph (E)	Dimethomorph (Z)
Dimoxystrobin	Diniconazole	Binapacryl	Diphenylamine	Disulfoton	Disulfoton sulfone
Endosulfan I (alpha)	Endosulfan II (beta)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone
Epoxiconazole	Ethion	Ethofenprox	Ethoprophos	Ethoxyquin	Etoxazole
Etridiazole	Famoxadone	Fenamidone	Fenamiphos	Fenarimol	Fenazaquin
Fenbuconazole	Fenchlorphos	Fenitrothion	Fenoxaprop-p-ethyl	Fenpropathrin	Fenpropidin
Fenpropiomorph	Fenthiol	Fenthiol-sulfoxide	Fenvalerate	Esfenvalerate	Fipronil
Flucythrinate I	Flucythrinate II	Flufenacet	Flumioxazin	Flurochloridone	Fluquinconazole
Flurprimidol	Flusilazole	Flutolanil	Flutriafol	Folpet	Heptachlor
Heptachlor epoxide-cis (exo)	Hexachlorobenzene (HCB)	Hexaconazole	Imazalil	Ipconazole	Iprodione
Kresoxim-methyl	Lactofen	Lambda-Cyhalothrin	Lindan (Gama-BHC)	Malaaxon	Malathion
Mecarbam	Mepanipyrim	Mepronil	Metalaxyl	Metamitron	Metconazole
Methacrifos	Methamidophos	Methidathion	Methoprene	Methoxychlor	Metolachlor
Metrafenone	Metribuzin	Mevinphos (Phosdrin)	Monocrotophos	Myclobutanil	Napropamide
Nitrofen	Orthophenylphenol (2-Phenylphenol)	Oxadiazon	Oxadixyl	Oxyfluorfen	Paclbutrazol
Parathion-ethyl	Parathion-methyl	Paraoxon-methyl	Penconazole	Pendimethalin	Permethrin-cis
Permethrin-trans	Phenotrין	Phorat	Phosalone	Phosphamidon	Picolinafen
Picoxystrobin	Pirimiphos-methyl	Prochloraz	Procymidone	Profenofos	Propanil
Propargite	Propham	Propiconazole I	Propiconazole II	Propisochlor	Propyzamide
Proquinazid	Pyrazophos	Pyrethrins (Pyrethrin I i Pyrethrin II)	Pyridaben	Pyridalyl	Pyriminobac-methyl
Pyrimethanil	Pyriproxyfen	Quinalphos	Quinoxifen	Quintozene	Resmethrin I
Resmethrin II	Simazin	Spirodiclofen	Spiromesifen	Spiroxamine I	Spiroxamine II
Tau-Fluvalinate	Tebuconazole	Tebufenpyrad	Tecnazene	Tefluthrin	TEPP
Terbufos	Terbutylazin	Tetraconazole	Tetradifon	Tolclofos-methyl	Triadimefon



www.q-s.de
 Approved for residue monitoring fruit, vegetables, potatoes



SP Laboratorija is GMP+ B11 registered laboratory under number GMP049738

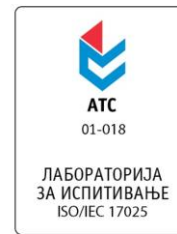


Table 3 - List of analyzed pesticide residues (LFO 001) in the delivered sample with the determined concentrations <LOQ (limit of quantification)					
Triadimenol	Triallate	Triazophos	Trifloxystrobin	Triflumizole	Trifluralin
Triticonazole	Vinclozolin				

Table 4 - List of analyzed pesticide residues (LFO 001) in the delivered sample with the determined concentrations <LOQ (limit of quantification)					
Abamectin	Acephate	Acetamiprid	Aldicarb	Aldicarb-sulfone	Aldicarb-sulfoxide
Amidosulfuron	Amitraz	Azoxystrobin	Barban	Butylate	Carbaryl
Carbendazim	Benomyl	Carbetamide	Carbofuran	Carbofuran-3-Hydroxy	Benfuracarb
Carbosulfan	Furathiocarb	Oxycarboxin (Carboxin sulfone)	Chlorantranilprole	Chlorotoluron	Chloroxuron
Clofentezine	Clothianidin	Cyazofamid	Cycloate	Cycloxydim	Cymoxanil
Cyromazine	Desmedipham	Diethofencarb	Diflubenzuron	Dimethenamid	Dimethoate
Dinoseb	Dioxathion	Diuron	DNOC	Dodine	EPTC
Ethirimol	Ethofumesate	Fenhexamid	Fenoxycarb	Fenpyroximate	Flazasulfuron
Florasulam	Fluazinam	Fludioxonil	Flufenoxuron	Fluometuron	Fluopicolide
Fluopyram	Fluoxastrobin	Flurtamone	Fomesafen	Formetanat	Fosthiazate
Fuberidazole	Imidacloprid	Indoxacarb	Iprovalicarb	Isoproturon	Isoxaben
Lenacil	Linuron	Lufenuron	Mandipropamid	Metaflumizone	Methabenzthiazuron
Methiocarb	Methiocarb-sulfone	Methiocarb-sulfoxide	Methomyl	Methoxyfenozide	Metosulam
Metsulfuron-methyl	Monolinuron	Monuron	Novaluron	Omethoate	Oryzalin
Oxamyl	Oxydemeton-methyl (Demeton-S-methyl sulfoxide)	Demeton-S-methylsulfon	Phenmedipham	Phosmet	Phoxim
Pirimicarb	Propachlor	Propamocarb	Propoxur	Prosulfocarb	Prosulfuron
Pymetrozin	Pyraclostrobin	Rotenone	Spinetoram	Spinosad (Spinosyn A i Spinosyn D)	Sulcotrione
Sulfosulfuron	Tebufenozide	Teflubenzuron	Tepraloxymid	Thiabendazole	Thiacloprid
Thiametoxam	Thifensulfuron-methyl	Thiodicarb	Thiophanat-methyl	Tolyfluanid	Triasulfuron
Tribenuron-methyl	Trichlorfon	Tricyclazole	Tridemorph	Triflumuron	Zoxamide

Table 5 - List of analyzed pesticide residues (LFO 001) in the delivered sample with the determined concentrations <LOQ (limit of quantification)
Dithiocarbamates (expressed as CS ²⁻ ; including Ziram, Thiram, Maneb, Mancozeb, Propineb, Metiram)

¹⁰³Regulation on the methods of sampling and conducting chemical and physical analysis of protein products for the food industry, Official Gazette of SFRY 41/1985; ¹⁵⁹JRC Compendium of reference methods for GMO analysis

Results approved by:

PhD Ivana Kažić, Specialist in Food Microbiology	
Biljana Marošanić MS Spec. in Tox.Chemistry. Director of Instrumental Analysis Dpt	
dipl. Ing. Gordana Nović Director of Genetic and Physical-Chemical Analysis Dpt.	

Report approved by:

Predrag Vulićević MS, Specialist in Sanitary Chemistry	
--	--

Statement:

- This report shall not be multiplied, except in full, without approval of SP LABORATORIJA.
- The test results refer only to the test sample.
- The test results are applied only to the sample as received, except when the SP LABORATORIJA is responsible for the sampling phase.
- SP LABORATORIJA is responsible for all data presented in the Test Report except for those obtained from the customers.
- SP LABORATORIJA disclaims responsibility for the validity of the results for whose statements the data obtained from the customers have been used.
- Test location in SP LABORATORIJA: Industrijska 3, 21220 Bečej
- According to art.25 Law on business company („Official Gazette of RS“ no 36/2011, 99/2011, 83/2014-other law, 5/2015, 44/2018, 95/2018, 91/2019 and 109/2021) test report is valid without stamp.

