



**Institute of Public Health
Department of Hygiene & the Environment
Laboratory for the Humane Ecology and
Ecotoxicology**
11000 Belgrade, Bulevar despota Stefana 54-a
phone: 011/20-78-620 fax: 011/32-35-080
www.zdravlje.org.rs



TESTING REPORT

No: 19-06-2868
Date: 26.08.2019.

Number of IPH File: 770

A CLIENT

Name: " LJBILJE " DOO

Address: CRNOGORSKI PUT bb LJUBINJE

B SAMPLE CHARACTERISTICS

Name: FIG LEAF (RAW MATERIAL FOR TEA)

Sample delivered by: Client

Received by: Zorica Tomović, sanitary technician

Date and time of sampling: 20.08.2019. at 09:24 hrs

Packaging: Paper packaging – (7 x 100g)

Sampling method:

Requested testing: Organoleptic findings, pesticides - gas chromatography, metals and metalloids, mycotoxins, radioactivity, microbiology, parasitology



Remarks:

Results of testing refer only to the tested samples.

An integral part of this report are: Testing Reports from the "Vinča" Institute of Nuclear Science No. H19/2159 from 21.08.2019.

Sample delivered without declaration.



 <p>ATC 01-036 АКРЕДИТОВАНА ЛАБОРАТОРИЈА ЗА ИСПИТИВАЊЕ SRPS ISO/IEC 17025:2006</p>	<p align="center">Institute of Public Health Department of Hygiene & the Environment Laboratory for the Humane Ecology and Ecotoxicology</p> <p align="center">11000 Belgrade, Bulevar despota Stefana 54-a phone: 011/20-78-620 fax: 011/32-35-080 www.zdravlje.org.rs</p>	 <p align="center">O 301</p>
TESTING REPORT		No: 19-06-2868 Date: 26.08.2019.

Name: Name: FIG LEAF (RAW MATERIAL FOR TEA)
Sample ID: 19-06-2868

C TESTING RESULTS

1 RESULTS OF PHYSICAL, PHYSICO-CHEMICAL AND CHEMICAL TESTING

Date and time of completion of testing: 26.08.2019. at 10:00 hrs

***ORGANOLEPTIC FINDINGS defined by the Regulations on quality of tea, herbal tea and its product (Official Gazette of RS, 4/12)**

Crushed fig leaf with a yellow-green color, with a characteristic odor.

The tested sample correspond to the art. 4 and art. 10 of the Regulation (Official Gazette of RS, 4/12)

Parameters defined by the Rulebook on the maximum allowed concentrations of the residues of agents used for plant protection in food and feed ("Official Gazette of RS", No. 22/2018 and 90/2018)

Parameter	Obtained value	Reference value	Method
MYCOTOXINS µg/ kg			
Aflatoxin B1	< 0,4		VDM 0013
Aflatoxin G1	< 0,4		VDM 0013
Aflatoxin B2	< 0,4		VDM 0013
Aflatoxin G2	< 0,4		VDM 0013
Sum of aflatoxins (B1+B2+G1+G2)	< 0,4		VDM 0013
Ochratoxin A	< 0,25		VDM 0014

The tested sample is in accordance with article 7. of the Rulebook "Official Gazette of RS", No. 22/2018 and 90/2018

Parameters defined by the Rulebook on the maximum allowed concentrations of the residues of agents used for plant protection in food and feed ("Official Gazette of RS", No. 22/2018 and 90/2018)

Parameter	Obtained value	Reference value	Method
METALS AND METALLOIDS mg/kg	Obtained value	Reference value	Method
Lead – Pb	0,158	< 2	VDM 0281
Cadmium – Cd	< 0,005		VDM 0281
Mercury – Hg	0,02		VDM 0282
Arsenic – As	< 0,1	< 1	VDM 0281

The tested sample is in accordance with article 7. of the Rulebook "Official Gazette of RS", No. 22/2018 and 90/2018

Parameters defined by the Rulebook on the maximum allowed concentrations of the residues of agents used for plant protection in food and feed ("Official Gazette of RS", No. 22/2018 and 90/2018)

Serial number	Pesticides	Concentration (mg/kg)	Technique	Methods
1.	2-Phenylphenol	<0.01	GC-MS/MS	VDM0228
2.	3,5-Dichloroaniline	<0.01	GC-MS/MS	**VDM0228
3.	Acephate	<0.01	GC-MS/MS	**VDM0228



**Institute of Public Health
Department of Hygiene & the Environment
Laboratory for the Humane Ecology and
Ecotoxicology**

11000 Belgrade, Bulevar despota Stefana 54-a
phone: 011/20-78-620 fax: 011/32-35-080
www.zdravlje.org.rs



TESTING REPORT

**No: 19-06-2868
Date: 26.08.2019.**

Parameters defined by the Rulebook on the maximum allowed concentrations of the residues of agents used for plant protection in food and feed ("Official Gazette of RS", No. 22/2018 and 90/2018)

Serial number	Pesticides	Concentration (mg/kg)	Technique	Methods
4.	Acetochlor	<0.01	GC-MS/MS	VDM0228
5.	Acrinathrin	<0.01	GC-MS/MS	VDM0228
6.	Alachlor	<0.01	GC-MS/MS	VDM0228
7.	Aldrin	<0.003	GC-MS/MS	VDM0228
8.	Allethrin	<0.01	GC-MS/MS	**VDM0228
9.	Ametryn	<0.01	GC-MS/MS	VDM0228
10.	Amitraz	<0.01	GC-MS/MS	VDM0228
11.	Atrazine	<0.01	GC-MS/MS	VDM0228
12.	Azinphos-ethyl	<0.01	GC-MS/MS	VDM0228
13.	Azinphos-methyl	<0.01	GC-MS/MS	VDM0228
14.	Azoxystrobin	<0.01	GC-MS/MS	VDM0228
15.	Benalaxyl	<0.01	GC-MS/MS	VDM0228
16.	Bifenthrin	<0.01	GC-MS/MS	VDM0228
17.	Bioallethrin	<0.01	GC-MS/MS	VDM0228
18.	Biphenyl	<0.01	GC-MS/MS	VDM0228
19.	Boscalid	<0.01	GC-MS/MS	VDM0228
20.	Bromacil	<0.01	GC-MS/MS	VDM0228
21.	Bromophos-ethyl	<0.01	GC-MS/MS	VDM0228
22.	Bromophos-methyl	<0.01	GC-MS/MS	VDM0228
23.	Bromopropylate	<0.01	GC-MS/MS	VDM0228
24.	Bromuconazole	<0.01	GC-MS/MS	VDM0228
25.	Bupirimate	<0.01	GC-MS/MS	VDM0228
26.	Buprofezin	<0.01	GC-MS/MS	VDM0228
27.	Butylate	<0.01	GC-MS/MS	VDM0228
28.	Cadusafos	<0.003	GC-MS/MS	VDM0228
29.	Captafol	<0.01	GC-MS/MS	VDM0228
30.	Captan	<0.01	GC-MS/MS	VDM0228
31.	Captan (Sum of captan and THPI, expressed as captan)	<0.01	GC-MS/MS	**VDM0228
32.	Carbophenothion	<0.01	GC-MS/MS	VDM0228
33.	Chlordane, <i>cis</i> -	<0.01	GC-MS/MS	VDM0228
34.	Chlordane, <i>trans</i> -	<0.01	GC-MS/MS	VDM0228
35.	Chlorfenapyr	<0.01	GC-MS/MS	**VDM0228
36.	Chlorfenvinphos	<0.01	GC-MS/MS	VDM0228
37.	Chlorobenzilate	<0.01	GC-MS/MS	**VDM0228
38.	Chlorpropham	<0.01	GC-MS/MS	VDM0228
39.	Chlorpyrifos	<0.01	GC-MS/MS	VDM0228
40.	Chlorpyrifos-methyl	<0.01	GC-MS/MS	VDM0228
41.	Chlorthal-dimethyl	<0.01	GC-MS/MS	VDM0228
42.	Coumaphos	<0.01	GC-MS/MS	VDM0228
43.	Cyflufenamid	<0.01	GC-MS/MS	VDM0228



**Institute of Public Health
Department of Hygiene & the Environment
Laboratory for the Humane Ecology and
Ecotoxicology**

11000 Belgrade, Bulevar despota Stefana 54-a
phone: 011/20-78-620 fax: 011/32-35-080
www.zdravlje.org.rs



TESTING REPORT

**No: 19-06-2868
Date: 26.08.2019.**

Parameters defined by the Rulebook on the maximum allowed concentrations of the residues of agents used for plant protection in food and feed ("Official Gazette of RS", No. 22/2018 and 90/2018)

Serial number	Pesticides	Concentration (mg/kg)	Technique	Methods
44.	Cyfluthrin, β -	<0.01	GC-MS/MS	VDM0228
45.	Cyhalothrin (Lambda-cyhalothrin)	<0.01	GC-MS/MS	VDM0228
46.	Cypermethrin (sum of isomers)	<0.01	GC-MS/MS	VDM0228
47.	Cyproconazole 1&2	<0.01	GC-MS/MS	VDM0228
48.	Cyprodinil	<0.01	GC-MS/MS	VDM0228
49.	DDD, <i>o,p'</i>	<0.01	GC-MS/MS	VDM0228
50.	DDD, <i>p,p'</i>	<0.01	GC-MS/MS	VDM0228
51.	DDT, <i>p,p'</i>	<0.01	GC-MS/MS	VDM0228
52.	DDE, <i>o,p'</i>	<0.01	GC-MS/MS	VDM0228
53.	DDE, <i>p,p'</i>	<0.01	GC-MS/MS	VDM0228
54.	DDT, <i>o,p'</i>	<0.01	GC-MS/MS	VDM0228
55.	Deltamethrin	<0.01	GC-MS/MS	VDM0228
56.	Diazinon	<0.01	GC-MS/MS	VDM0228
57.	Dichlobenil	<0.01	GC-MS/MS	VDM0228
58.	Dichloran	<0.01	GC-MS/MS	VDM0228
59.	Dichlorvos	<0.01	GC-MS/MS	VDM0228
60.	Dicofol	<0.01	GC-MS/MS	VDM0228
61.	Dieldrin	<0.01	GC-MS/MS	VDM0228
62.	Difenoconazole	<0.01	GC-MS/MS	VDM0228
63.	Dimethoate	<0.01	GC-MS/MS	**VDM0228
64.	Dimoxystrobin	<0.01	GC-MS/MS	VDM0228
65.	Diphenylamine	<0.01	GC-MS/MS	VDM0228
66.	Disulfoton	<0.01	GC-MS/MS	VDM0228
67.	Endosulfan, α -	<0.01	GC-MS/MS	VDM0228
68.	Endosulfan, β -	<0.01	GC-MS/MS	VDM0228
69.	Endosulfan-sulphate	<0.01	GC-MS/MS	VDM0228
70.	Endrin	<0.003	GC-MS/MS	VDM0228
71.	Epoconazole	<0.01	GC-MS/MS	VDM0228
72.	Esfenvalerate	<0.01	GC-MS/MS	VDM0228
73.	Ethion	<0.01	GC-MS/MS	VDM0228
74.	Ethoprophos	<0.003	GC-MS/MS	VDM0228
75.	Etoxazole	<0.01	GC-MS/MS	VDM0228
76.	Etofenprox	<0.01	GC-MS/MS	**VDM0228
77.	Etridiazole	<0.01	GC-MS/MS	VDM0228
78.	Etrimfos	<0.01	GC-MS/MS	VDM0228
79.	Famoxadone	<0.01	GC-MS/MS	VDM0228
80.	Fenamidon	<0.01	GC-MS/MS	VDM0228
81.	Fenamiphos	<0.01	GC-MS/MS	**VDM0228
82.	Fenarimol	<0.01	GC-MS/MS	VDM0228



**Institute of Public Health
Department of Hygiene & the Environment
Laboratory for the Humane Ecology and
Ecotoxicology**

11000 Belgrade, Bulevar despota Stefana 54-a
phone: 011/20-78-620 fax: 011/32-35-080
www.zdravlje.org.rs



TESTING REPORT

**No: 19-06-2868
Date: 26.08.2019.**

Parameters defined by the Rulebook on the maximum allowed concentrations of the residues of agents used for plant protection in food and feed ("Official Gazette of RS", No. 22/2018 and 90/2018)

Serial number	Pesticides	Concentration (mg/kg)	Technique	Methods
83.	Fenazaquin	<0.01	GC-MS/MS	VDM0228
84.	Fenbuconazole	<0.01	GC-MS/MS	VDM0228
85.	Fenchlorphos	<0.01	GC-MS/MS	VDM0228
86.	Fenhexamid	<0.01	GC-MS/MS	VDM0228
87.	Fenitrothion	<0.01	GC-MS/MS	VDM0228
88.	Fenpropathrin	<0.01	GC-MS/MS	VDM0228
89.	Fenpropidin	<0.01	GC-MS/MS	VDM0228
90.	Fensulfothion	<0.01	GC-MS/MS	VDM0228
91.	Fenthion	<0.01	GC-MS/MS	VDM0228
92.	Fentin	<0.01	GC-MS/MS	**VDM0228
93.	Fenvalerate (sum of isomers RR, SS, RS & SR)	<0.01	GC-MS/MS	VDM0228
94.	Fipronil	<0.003	GC-MS/MS	VDM0228
95.	Fipronil-desulfinyl	<0.003	GC-MS/MS	VDM0228
96.	Fluazifop- <i>p</i> -butyl	<0.01	GC-MS/MS	VDM0228
97.	Fludioxonil	<0.01	GC-MS/MS	VDM0228
98.	Fluquinconazole	<0.01	GC-MS/MS	VDM0228
99.	Flusilazole	<0.01	GC-MS/MS	VDM0228
100.	Flutolanil	<0.01	GC-MS/MS	VDM0228
101.	Folpet	<0.01	GC-MS/MS	VDM0228
102.	Fonofos	<0.01	GC-MS/MS	VDM0228
103.	Formothion	<0.01	GC-MS/MS	VDM0228
104.	Haloxifop-2-ethoxyethyl	<0.01	GC-MS/MS	VDM0228
105.	HCH, α -	<0.01	GC-MS/MS	VDM0228
106.	HCH, β -	<0.01	GC-MS/MS	VDM0228
107.	HCH, γ - (Lindan)	<0.01	GC-MS/MS	VDM0228
108.	HCH, δ -	<0.01	GC-MS/MS	VDM0228
109.	Heptachlor	<0.003	GC-MS/MS	VDM0228
110.	Heptachlor epoxide, <i>cis</i> -	<0.003	GC-MS/MS	VDM0228
111.	Heptachlor-epoxide, <i>trans</i> -	<0.003	GC-MS/MS	VDM0228
112.	Heptenophos	<0.01	GC-MS/MS	VDM0228
113.	Hexachlorobenzene	<0.003	GC-MS/MS	VDM0228
114.	Hexaconazole	<0.01	GC-MS/MS	VDM0228
115.	Imazalil	<0.01	GC-MS/MS	VDM0228
116.	Iprodione	<0.01	GC-MS/MS	VDM0228
117.	Kresoxim-methyl	<0.01	GC-MS/MS	VDM0228
118.	Malathion	<0.01	GC-MS/MS	VDM0228
119.	Metalaxyl and metalaxyl-M (sum of isomers)	<0.01	GC-MS/MS	VDM0228
120.	Metconazole	<0.01	GC-MS/MS	VDM0228
121.	Methacrifos	<0.01	GC-MS/MS	VDM0228

 <p>ATC 01-036 AKREDITOVANA LABORATORIJA ZA ISPITIVANJE SRPS ISO/IEC 17025:2005</p>	<p>Institute of Public Health Department of Hygiene & the Environment Laboratory for the Humane Ecology and Ecotoxicology 11000 Belgrade, Bulevar despota Stefana 54-a phone: 011/20-78-620 fax: 011/32-35-080 www.zdravlje.org.rs</p>	 O 301
TESTING REPORT		No: 19-06-2868 Date: 26.08.2019.

Parameters defined by the Rulebook on the maximum allowed concentrations of the residues of agents used for plant protection in food and feed ("Official Gazette of RS", No. 22/2018 and 90/2018)

Serial number	Pesticides	Concentration (mg/kg)	Tehnique	Methods
122.	Methamidophos	<0.01	GC-MS/MS	VDM0228
123.	Methidathion	<0.01	GC-MS/MS	VDM0228
124.	Methoxychlor	<0.01	GC-MS/MS	VDM0228
125.	Metolachlor (metolachlor including other mixtures of constituent isomers including S-metolachlor (sum of isomers))	<0.01	GC-MS/MS	VDM0228
126.	Metrafenone	<0.01	GC-MS/MS	VDM0228
127.	Metribuzin	<0.01	GC-MS/MS	VDM0228
128.	Mevinphos (sum of cis- and trans-izomera)	<0.01	GC-MS/MS	VDM0228
129.	Molinate	<0.01	GC-MS/MS	VDM0228
130.	Monocrotophos	<0.01	GC-MS/MS	VDM0228
131.	Myclobutanil	<0.01	GC-MS/MS	VDM0228
132.	Naled	<0.01	GC-MS/MS	VDM0228
133.	Napropamide	<0.01	GC-MS/MS	VDM0228
134.	Nitrofen	<0.003	GC-MS/MS	VDM0228
135.	Omethoate	<0.01	GC-MS/MS	**VDM0228
136.	Oxadixyl	<0.01	GC-MS/MS	VDM0228
137.	Oxydemeton-methyl	<0.01	GC-MS/MS	**VDM0228
138.	Paclobutrazol	<0.01	GC-MS/MS	VDM0228
139.	Paraoxon-methyl	<0.01	GC-MS/MS	VDM0228
140.	Parathion	<0.01	GC-MS/MS	VDM0228
141.	Parathion-methyl	<0.01	GC-MS/MS	VDM0228
142.	Penconazole	<0.01	GC-MS/MS	VDM0228
143.	Pendimethalin	<0.01	GC-MS/MS	VDM0228
144.	Permethrin (sum of cis- and trans-isomers)	<0.01	GC-MS/MS	VDM0228
145.	Phenamifos	<0.01	GC-MS/MS	**VDM0228
146.	Phenthoate	<0.01	GC-MS/MS	VDM0228
147.	Phorate	<0.01	GC-MS/MS	VDM0228
148.	Phosalone	<0.01	GC-MS/MS	VDM0228
149.	Phosmet	<0.01	GC-MS/MS	VDM0228
150.	Phosphamidon (sum of isomers)	<0.01	GC-MS/MS	VDM0228
151.	Piperonylbutoxide	<0.01	GC-MS/MS	VDM0228
152.	Pirimiphos-ethyl	<0.01	GC-MS/MS	VDM0228
153.	Pirimiphos-methyl	<0.01	GC-MS/MS	VDM0228
154.	Profenofos	<0.01	GC-MS/MS	VDM0228
155.	Promethrin	<0.01	GC-MS/MS	VDM0228



**Institute of Public Health
Department of Hygiene & the Environment
Laboratory for the Humane Ecology and
Ecotoxicology**

11000 Belgrade, Bulevar despota Stefana 54-a
phone: 011/20-78-620 fax: 011/32-35-080
www.zdravlje.org.rs



TESTING REPORT

**No: 19-06-2868
Date: 26.08.2019.**

Parameters defined by the Rulebook on the maximum allowed concentrations of the residues of agents used for plant protection in food and feed ("Official Gazette of RS", No. 22/2018 and 90/2018)

Serial number	Pesticides	Concentration (mg/kg)	Technique	Methods
156.	Propachlor	<0.01	GC-MS/MS	VDM0228
157.	Propargite	<0.01	GC-MS/MS	VDM0228
158.	Propazine	<0.01	GC-MS/MS	VDM0228
159.	Propetamphos	<0.01	GC-MS/MS	VDM0228
160.	Propham	<0.01	GC-MS/MS	VDM0228
161.	Propiconazole (sum of isomers)	<0.01	GC-MS/MS	VDM0228
162.	Proquinazid	<0.01	GC-MS/MS	VDM0228
163.	Prosimidone	<0.01	GC-MS/MS	VDM0228
164.	Prothiofos	<0.01	GC-MS/MS	VDM0228
165.	Pymetrozine	<0.01	GC-MS/MS	**VDM0228
166.	Pyrazophos	<0.01	GC-MS/MS	VDM0228
167.	Pyrethrins	<0.01	GC-MS/MS	VDM0228
168.	Pyridaben	<0.01	GC-MS/MS	VDM0228
169.	Pyrimethanil	<0.01	GC-MS/MS	VDM0228
170.	Pyriproxyfen	<0.01	GC-MS/MS	VDM0228
171.	Quinoxifen	<0.01	GC-MS/MS	VDM0228
172.	Quintozene	<0.01	GC-MS/MS	VDM0228
173.	Resmethrin	<0.01	GC-MS/MS	VDM0228
174.	Simazine	<0.01	GC-MS/MS	VDM0228
175.	Spirodiclofen	<0.01	GC-MS/MS	VDM0228
176.	Spiromesifen	<0.01	GC-MS/MS	**VDM0228
177.	Sulfotep	<0.01	GC-MS/MS	VDM0228
178.	Sulprofos	<0.01	GC-MS/MS	VDM0228
179.	Tau-Fluvalinate	<0.01	GC-MS/MS	VDM0228
180.	Tebuconazole	<0.01	GC-MS/MS	VDM0228
181.	Tebufenpyrad	<0.01	GC-MS/MS	VDM0228
182.	Tecnazene	<0.01	GC-MS/MS	VDM0228
183.	Tefluthrin	<0.01	GC-MS/MS	VDM0228
184.	Terbufos	<0.01	GC-MS/MS	VDM0228
185.	Terbufos-sulfone	<0.01	GC-MS/MS	VDM0228
186.	Terbufos-sulfoxide	<0.01	GC-MS/MS	VDM0228
187.	Terbutylazine	<0.01	GC-MS/MS	VDM0228
188.	Terbutryn	<0.01	GC-MS/MS	VDM0228
189.	Tetrachlorvinphos	<0.01	GC-MS/MS	VDM0228
190.	Tetradifon	<0.01	GC-MS/MS	VDM0228
191.	Tetramethrin (sum of isomers)	<0.01	GC-MS/MS	VDM0228
192.	Thiabendazole	<0.01	GC-MS/MS	VDM0228
193.	Tolclofos-methyl	<0.01	GC-MS/MS	VDM0228
194.	Tolyfluanid	<0.01	GC-MS/MS	VDM0228

 <p>ATC 01-036 AKREDITOVANA LABORATORIJA ZA ISPLITIVANJE SRPS ISO/IEC 17025:2006</p>	<p>Institute of Public Health Department of Hygiene & the Environment Laboratory for the Humane Ecology and Ecotoxicology</p> <p>11000 Belgrade, Bulevar despota Stefana 54-a phone: 011/20-78-620 fax: 011/32-35-080 www.zdravlje.org.rs</p>	 <p>O 301</p>
<p>TESTING REPORT</p>		<p>No: 19-06-2868 Date:26.08.2019.</p>

Parameters defined by the Rulebook on the maximum allowed concentrations of the residues of agents used for plant protection in food and feed ("Official Gazette of RS", No. 22/2018 and 90/2018)

Serial number	Pesticides	Concentration (mg/kg)	Tehnique	Methods
195.	Triadimefon	<0.01	GC-MS/MS	VDM0228
196.	Triadimenol	<0.01	GC-MS/MS	VDM0228
197.	Triazophos	<0.01	GC-MS/MS	VDM0228
198.	Trichlorfon	<0.01	GC-MS/MS	VDM0228
199.	Trifloxystrobin	<0.01	GC-MS/MS	VDM0228
200.	Trifluralin	<0.01	GC-MS/MS	VDM0228
201.	Triticonazole	<0.01	GC-MS/MS	VDM0228
202.	Vinclozolin	<0.01	GC-MS/MS	VDM0228
203.	Zoxamide	<0.01	GC-MS/MS	VDM0228

The tested sample is **IN ACCORDANCE** with the standards of the Rulebook on the maximum allowed concentrations of residues of agents used for plant protection in food and feed ("Official Gazette of RS" No.22/2018 and 90/2018) art. 3, art. 5 and art.6.



Legend of applied Rulebooks and Standards:

- VDM 0013 J. Gilbert: "Validation of analytical methods for determining mycotoxins in foodstuffs", Trends in analytical chemistry, 21, 6-7, (2002) 468-486.
- LCTech, Sample extraction procedure for aflatoxins.
- SRPS EN 14123: 2012 - Modification of standard methods in post-column derivatization and calibration range
- SRPS BS EN 15851: 2010 - Modification of the standard method in the part of the postcolonial derivatization procedure and the range of calibration
- VDM 0014 R. Ghaliel et al., HPLC determination ochratoxin A in high consumption Tunisian foods, Food Control, 20 (2009) 716-720.
- LCTech, Sample extraction procedure for Ochratoxin A.
- VDM 0281 - EPA 200.7 Determination of metals and trace elements in water and wastes by inductively coupled plasma-atomic emission spectrometry
- EPA 200.8. "Determination of trace elements in waters and wastes by inductively coupled plasma – mass spectrometry"
- Analytical detection limit guidance & Laboratory Guide for Determining Method Detection Limits, Wisconsin Department of Natural Resources, Laboratory Certification Program, April 1996
- FDA Elemental Analysis Manual Section 4.7 Inductively Coupled Plasma-Mass Spectrometric Determination of Arsenic, Cadmium, Chromium, Lead, Mercury and Other Elements in Food Using Microwave Assisted Digestion Version 1.0
- FDA Elemental Analysis Manual Section 4.4 Inductively Coupled Plasma-Mass Atomic Emission Spectrometric Determination of Elements in Food Using Microwave Assisted Digestion Version 1.1
- The Analysis of Baby Foods and Juices for Metals to Protect a Sensitive Population
Authors Lee Davidowski, PhD, Zoe Grosser, PhD, Praveen Sarojam, PhD, PerkinElmer, Inc. 710 Bridgeport Avenue Shelton, CT USA
- VDM 0282 EPA 7473 Mercury in solids and solutions by Thermal Decomposition, Amalgamation and Atomic Absorption Spectrophotometry
- VDM 0228 BS EN 15662:2008: Foods of plant origin – Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE – QuEChERS method – modification in the part of the application area-extended to children's food

- *Method outside the scope of accreditation
**Parameter outside the scope of accreditation
***Results outside the scope of accreditation

Issue/Revision: 1/2, valid from 03.05.2017.

The document may be reproduced and copied only as a whole. It is not to be used in advertising purposes

 <p>ATC 01-036 AKREDITOVANA LABORATORIJA ZA ISPIITIVANJE SRPS ISO/IEC 17025:2006</p>	<p>Institute of Public Health Department of Hygiene & the Environment Laboratory for the Humane Ecology and Ecotoxicology 11000 Belgrade, Bulevar despota Stefana 54-a phone: 011/20-78-620 fax: 011/32-35-080 www.zdravlje.org.rs</p>	 O 301
TESTING REPORT		No: 19-06-2868 Date: 26.08.2019.

2 RESULTS OF MICROBIOLOGICAL TESTINGS
 Date and time of the end of testing: 26.08.2019. at 08:41 hrs

Parameters defined by the Rulebook on the health safety of dietary products (Official Gazette of RS, No. 45/2010, 27/2011, 50/2012, 21/2015, 75/2015 and 7/2017).

Safety criteria



Tested parameter	Method	Unit of measure	Testing results					Sampling plan		Limit values	
			1	2	3	4	5	n	c	m	M
Salmonella spp	SRPS EN ISO 6579-1: 2017 excluding Annex D	25 g	(n.d.)	(n.d.)	(n.d.)	(n.d.)	(n.d.)	5	0	Not allowed in 25 g	
Bacillus cereus (cfu)	SRPS EN ISO 7932:2009	1 g	<100	<100	<100	<100	<100	5	1	10 ⁴ cfu/g	10 ⁵ cfu/g

The tested sample is in accordance with the Rulebook on the health safety of dietary products (Official Gazette of RS, No. 45/2010, 27/2011, 50/2012, 21/2015, 75/2015 and 7/2017).

Legend:

- n: number of units forming a sample
- c: number of sample units with results between m and M
- m: borderline value (results are considered satisfactory if all obtained values are less than or equal the value „m“)
- M: maximum value beyond which results are considered unsatisfactory (if only one sample is higher than „M“)
- (n.d.) : not detected
- +: isolated



 <p>ATC 01-036 AKREDITOVANA LABORATORIJA ZA ISPIITIVANJE SRPS ISO/IEC 17025:2006</p>	<p>Institute of Public Health Department of Hygiene & the Environment Laboratory for the Humane Ecology and Ecotoxicology</p> <p>11000 Belgrade, Bulevar despota Stefana 54-a phone: 011/20-78-620 fax: 011/32-35-080 www.zdravlje.org.rs</p>	 <p>O 301</p>
<p>TESTING REPORT</p>		<p>No: 19-06-2868 Date: 26.08.2019.</p>

3 RESULTS OF BIOLOGICAL TESTING
Date and time of the end of testing: 21.08.2019. at 11:21 hrs

Parameters defined by the food safety law ("Official Gazette of RS", No. 41/2009 i 17/2019).

Parameter	Value obtained	Reference value	Method
PARASITOLOGICAL FINDINGS			
Pathogens and other parasites and pests	Not contains	Not contains	Native and microscopic examination*

The tested sample is in accordance with the art. 25 point 5 of the Law ("Official Gazette of RS", No. 41/2009 and 17/2019).

Legend of applied Rulebooks and Standards:
*Method outside the scope of accreditation

TESTING PERFORMED
AND VERIFIED BY:

[Handwritten signature]

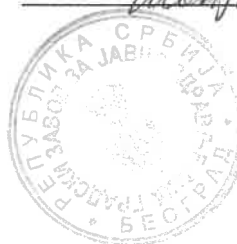
[Handwritten signature]

[Handwritten signature]

Date of issuance the Report: 26.08.2019.

[Signature] HEAD OF LABORATORY HE

Dr Marina Mandić-Miladinović, M.D.
Specialist in hygiene



<p align="center">Institute of Public Health Department of Hygiene & protection of environment Department for the Promotion of Nutrition 11000 Beograd, Bulevar despota Stefana 54-a tel: 011/20-78-620 fax: 011/32-35-080 www.zdravlje.org.rs</p>	<p align="center">O 305</p>
<p align="center">OPINION</p>	<p align="center">Report on testing No: 19-06-2868 Date: 26.08.2019.</p>

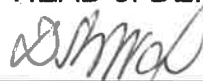
Based on the the laboratory testings of the client-defined parameters and expert consultations, it is determined that tested sample

FIG LEAF (RAW MATERIAL FOR TEA)

IS IN COMPLIANCE with the provisions of the Law on food safety ("Official Gazette of RS", no. 41/09, 17/19) in terms of the tested parameters and meets the requirements of listed Rulebooks.

REMARKS: The tested sample in terms of the client-defined parameters IS IN COMPLIANCE with Commision Regulation (EC) No 1881/2006 with amendments, Commision Regulation (EC) No 396/2005 with amendments and Commision Regulation (EC) No 2073/2005 with amendments.

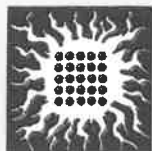
HEAD of DEPARTMENT:



Prim. dr Vesna Pantić-Palibrk, M.D.
Specialist in hygiene



Place and date of issue report
BELGRADE, 26.08.2019.



INSTITUT ZA NUKLEARNE NAUKE „VINČA“
Naučni blok

Laboratorija za hemijsku dinamiku i permanentno obrazovanje
„Hemijska dinamika“

Adresa: Mike Petrovića-Alasa 12-14, 11351 Vinča
Poštanski fah br.522 11001 Beograd
Tel./Fax: 011-6455-654
E-mail: lab060@vinca.rs

Matični broj: 07035250
Šifra delatnosti: 7219
PIB: 101877940
T.m. 205-113594-67

ZP.3.060.03

Strana: 1/1

Naručilac ispitivanja
Gradski zavod za javno zdravlje
Laboratorija za humanu ekologiju i
ekotoksikologiju
Bulevar Despota Stefana 54a
11000 Beograd
Tel/faks : 3235-080
n/r Dr Vesna Palibrk

Beograd, 21.08.2019.



Predmet: IZVEŠTAJ O ISPITIVANJU br. H19/2159

Prema Vašem zahtevu 16/194 od 20.08.2019. izvršena je analiza sadržaja radionuklida u dostavljenom uzorku, prihvatljivom za analizu. Rezultati ispitivanja su prikazani u Tabeli 1.

Tabela 1.

Interna oznaka uzorka	Oznaka uzorka	Opis uzorka	⁴⁰ K (Bq/kg)	¹³⁷ Cs (Bq/kg)
H19/2159	19-06-2868	SMOKVA LIST (SIROVINA ZA ČAJ)	568 ± 55	< 5,7

Ispitivanje je izvršeno tehnikom niskofonske gamaspektrometrije na poluprovodničkom HPGe detektoru po metodi IAEA TRS-295.

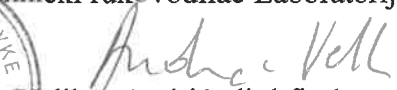
Rezultati analize pokazuju da **NIJE DETEKTOVAN** sadržaj radionuklida u ispitivanom uzorku iznad granica radioaktivne kontaminacija ("Pravilnik o granicama sadržaja radionuklida u vodi za piće, životnim namirnicama, stočnoj hrani, lekovima, predmetima opšte upotrebe, građevinskom materijalu i drugoj robi koja se stavlja u promet", članovi 8 i 12, Službeni glasnik RS 36/18 od 10.05.2018.).

Vodeći ispitivač:


dr Mirjana Marković



Tehnički rukovodilac Laboratorije:


Velibor Andrić, dipl.fiz-hem.