



Heroja Pinkija br. 49
26300 Vršac

ENOLOŠKA STANICA VRŠAC DOO VRŠAC

Matični broj: 0800988
PIB: 100914389
Broj tekućeg računa:
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Credit Agricole banka: 330-22000536-94
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ЛАБОРАТОРИЈА
ЗА ИСПИТИВАЊЕ
ISO/IEC 17025

Date of printing: 27.04.2023

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Report of testing No: 03-1993 / 230403702

Applicant: MILAN PUĐA, Vojnički trg 24/26, Vršac
Application No: / From: 19.04.23
Inspector:
JCI number: /
Sample: ACACIA HONEY
Analytical no: 230403702
Sampling done by: Delivered by the client Date of sampling: /
Sample reception date: 19.04.23 Analysis starting date: 19.04.23 Analysis ending date: 27.04.23
Location of examination: ENOLOŠKA STANICA

Data obtained from client:

Importer: /,/,/
Exporter: /,/,/
Forwarder: /
Type of transport: /
Producer: P.G. MILAN PUĐA, Vojnički trg 24/26, Vršac, Serbia
Country of origin: /
Foreign supplier: /,/,/
Batch: / Date of production: 05.2022 Best before: /
Gross/net: 0 /0 / Packing: bulk

Scope of analysis: Physico-chemical analysis, Sensory analysis, Microbiological analysis
Enclosures: Report on GMO analysis No. 2015/23, SGS Beograd, 26.04.2023

Data Sample: ACACIA HONEY is delivered in bulk.

STATEMENTS:

- I: Testing results refer to the delivered sample only, unless ENOLOŠKA STANICA did the sampling;
- II: This report must not be copied, except as a whole document, without written approval of the laboratory ENOLOŠKA STANICA;
- III: ENOLOŠKA STANICA is responsible for all the data given in the Result of testing except for those delivered by the client;
- IV: ENOLOŠKA STANICA provides policy of confidential information and proprietary rights of clients which is defined in the General Terms and Conditions of the laboratory O-4.2.01.05 available on the site: <https://www.enoloskastanica.com/>;

DISCLAIMER:

- I. ENOLOŠKA STANICA disclaims responsibility for the validity of the results which were delivered by the client;
- II. ENOLOŠKA STANICA disclaims responsibility for the test results for which the deviation from the specified condition of the obtained the sample may be affected, that is, in cases where the condition of the sample obtained from the user is not adequate and the user insists on the analysis.
- III. In the case of a sample is delivered from a client, the measurement uncertainty arising from sampling is not included in the expanded measurement uncertainty shown in the Test Report.

DELIVERED:

1. Client: two copies
 2. Archive of Enološka stanica: one copy
- Expert Opinion 03-1993 / 230403702 is given in the Annex of Report of Testing 03-1993 / 230403702



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I. RESULTS OF SENSORY ANALYSIS

The tested sample is in the form of an opalescent, viscous liquid, light yellow in color, with a characteristic smell* of acacia honey, sweet taste*.

Applied methods:

UPL.1.164; UPL.1.165, *SRPS ISO 5496:2014; *SRPS ISO 3972:2016

Statement of Conformity:

The results of the tested parameters MEETS requirements given in the Rulebooks listed below:

- Rulebook on the quality of honey and other bee products ("Official Gazette of RS" No. 101/2015), Article 16

II. MICROBIOLOGICAL ANALYSIS

Parameter	Measurement unit	Applied methods	Ref. value	Result
Determination of the number of yeasts and mildew	cfu/g	SRPS ISO 21527-2:2011	10	<10
Determination of the number of sulphite reducing agents bacteria that grow in anaerobic conditions	cfu/g	SRPS EN ISO 15213:2011	10	<10
* RELATIVE FREQUENCY OF POLLEN - BOTANICAL DETERMINATION OF HONEY:				
Acacia (<i>Robinia pseudoacacia</i>)	%	DIN 10760:2002-05	20	41,37
Linden (<i>Tilia sp.</i>)	%	DIN 10760:2002-05	25 (10) *	3,32
Tame chestnut (<i>Castanea sativa</i> Mill)	%	DIN 10760:2002-05	85	8,04
Oilseed rape (<i>Brassica napus</i> L.)	%	DIN 10760:2002-05	60	9,07
Other	%	/	/	34,19

Statement of Conformity:

The results of the tested parameters MEETS requirements given in the rulebooks listed below:

- Rulebook on the quality of honey and other bee products ("Official Gazette of RS" No. 101/2015);

According to the Rulebook on the quality of honey and other bee products ("Official Gazette of RS" No. 101/2015), the analyzed honey sample represents Acacia honey.

The Statement of Conformity was issued on the basis of the Decision Rule 1-Binary Statement of shared risk for Simple Acceptance, Guard band zero, Case 1.

* parameter is not in the scope of accreditation

**Expanded measurement uncertainty is expressed as combined standard measurement uncertainty increased by the coverage factor $k=2$, for a confidence level of approximately 95%



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III. PHYSICO-CHEMICAL ANALYSIS - QUALITY

Parameter	Applied methods	Technics	Ref. value	Result	+/- Expanded meas. uncertainty **	Measu. Unit
Reducing sugar content	UPL.1.150	liquid chromatography	min. 60	73,30	5,86	g/100g
Sucrose content	UPL.1.150	liquid chromatography	max. 5	< 0,550	/	g/100g
Water content	Rulebook 3) method 4	refractometry	max. 20	16,11	0,81	%
Ash content	Rulebook 3) method 6	gravimetry	/	0,065	0,022	%
Free acids	Rulebook 3) method 7	volumetry	max. 50	9,23	0,98	meq/kg
Diastase activity	Rulebook 3) method 8	spectrophotom.	min. 8	20,93	9,13	DN
Hydroxymethyl furfural content	Rulebook 3) method 9	spectrophotom.	max. 40	1,34	0,31	mg/kg
Fructose content	UPL.1.150	liquid chromatography	/	44,28	1,77	g/100g
Glucose content	UPL.1.150	liquid chromatography	/	29,02	1,45	g/100g
Maltose content	UPL.1.150	liquid chromatography	/	3,00	0,20	g/100g

Statement of Conformity:

The results of the tested parameters MEETS requirements given in the rulebooks listed below:

- Rulebook on the quality of honey and other bee products ("Official Gazette of RS" No. 101/2015);

The Statement of Conformity was issued on the basis of the Decision Rule 1-Binary Statement of shared risk for Simple Acceptance, Guard band zero, Case 1.

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O-5.10.01.01., Edition 5.0



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IV. PHYSICO-CHEMICAL ANALYSIS - SAFETY

Parameter	Applied methods	Technics	Ref. value	Result	+/- Expanded measurement uncertainty**	Measu. Unit
Determination of heavy metals:						
* Lead content (Pb)	UPI.1.041	ICP-OES	max. 0,10	< 0,10	/	mg/kg
* Cadmium content (Cd)	UPI.1.041	ICP-OES	/	< 0,05	/	mg/kg
* Arsenic content (As)	UPI.1.090	ICP-OES	/	< 0,20	/	mg/kg
* Zinc content (Zn)	UPI.1.041	ICP-OES	/	< 0,50	/	mg/kg
* Copper content (Cu)	UPI.1.041	ICP-OES	/	< 0,50	/	
* Iron content (Fe)	UPI.1.041	ICP-OES	/	0,79	0,13	mg/kg

Statement of Conformity:

The results of the tested parameters MEETS requirements given in the rulebooks listed below:

- Rulebook on maximum concentrations of certain contaminants in food ("Official Gazette of RS", No. 81/2019, 126/2020, 90/2021 and 118/2021, Article 2., Article 3., Article 4., Annex 1., Section 3.);

The Statement of Conformity was issued on the basis of the Decision Rule 1-Binary Statement of shared risk for Simple Acceptance, Guard band zero, Case 1.

* parameter is not in the scope of accreditation

**Expanded measurement uncertainty is expressed as combined standard measurement uncertainty increased by the coverage factor $k=2$, for a confidence level of approximately 95%



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The Legend of applied Methods, Rulebooks and Standards is available at:

- Website of the Enological Station, section: documents:<https://www.enoloskastanica.com/>;
- Website of the Accreditation Body of Serbia: <https://www.registar.ats.rs/predmet/66>;
- It can be delivered upon request;

Explanatory note regarding to the Statements of Conformity:

1. Statements of conformity are formed on the basis of the Decision Rules with which the customers are acquainted and agree.

The decision rules are available on the website <https://www.enoloskastanica.com/>, in the document: "The Decision Rules and Statement on Conformity of test results" O-5.10.01.04, where are denied risks, level confidence and decision-making criteria.

2. The Statement of Conformity refers to the examined parameter, which is accredited, and which have a defined reference value, otherwise it is considered that the Statement of Conformity is also not accredited;

Head of microbiological and biological-biochemical
Department

Marija Ribić, spec. eng. tech.
specialist in food microbiology

Head of the Physical chemistry and Sensory
Department

Miodrag Kertes, BSc Tech.

Head of the Instrumental Department

Saša Popov, MSc Physical Chemist.
Spec. Physical Chemistry



-End of Report-

*parameter is not in the scope of accreditation

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EXPERT OPINION No: 03-1993 / 230403702

Sample: ACACIA HONEY

Analytical no: 230403702

Applicant: MILAN PUĐA, Vojnički trg 24/26, Vršac

Application No.: /

Sample reception date: 19.04.23

Analysis starting date: 19.04.23

Analysis ending date: 27.04.23

Based on the results of the laboratory testing and expert consideration it was found that the tested sample:
ACACIA HONEY in terms of tested parameters

MEETS

Requirements from the Food Safety Law ("Official Gazette of RS", No.41/09 and No.17/19), that is, it respectively meets requirements from the rulebooks listed below:

- Rulebook on the quality of honey and other bee products ("Official Gazette of the Republic of Serbia", No. 101/2015);
- Rulebook on maximum concentrations of certain contaminants in food ("Official Gazette of RS", No. 81/2019, 126/2020, 90/2021 and 118/2021, Article 2., Article 3., Article 4., Annex 1., Section 3.);
- Rulebook on the quality of honey and other bee products ("Official Gazette of RS" No. 101/2015);

According to the Rulebook on the quality of honey and other bee products ("Official Gazette of RS" No. 101/2015), the analyzed honey sample represents Acacia honey.

Hygiene specialist Dr Rajna Dušanov



Miodrag Kertes, BSc Tech

Report of testing No. 03-1993 / 230403702 is the Annex of the Test Report No. 03-1993 / 230403702

TEST REPORT

Number: 2015/23

Date: 26.04.2023.

Sample Type: Acacia honey
Customer: »Enološka Stanica« doo
Address: Vršac, Heroja Pinkija 49
Requested No of analysis: 1877
Sample No: 01/2081/2404
Order No: 2015
Date Received: 24.04.2023.
Test start date: 24.04.2023.
Test completion date: 26.04.2023.
Sample description: The sample was delivered by the ordering party (the sample size 0.3kg), with the External order from 19.04.23. as follows:

External sample number: 230403702

Reference number: 03-1993

Number of user request: /

Date of user request: 19.04.23.

Results of analysis:

Analysis		Analysis method	Unit	Results
Detecting presence of CaMV 35S promoter, T-NOS and F34S promoter (Real-time PCR)	CaMV 35S promoter	MAL-051	-	Not detected
	T-NOS		-	Not detected
	F34S promoter		-	Not detected

LOD=0.01%

Verified by:

Andrijana Radic
 Technical Lab Manager



Branimir Marić
 Lab Manager

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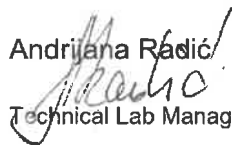
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Statement of compliance

Based on the results of testing the sample complies with the article 3 Law of Genetically Modified Organisms (OJ RS No. 41/2009).

Verified by:

Andrijana Radic

Technical Lab Manager

 Branimir Maric

Lab Manager

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