



Heroja Pinkija 49.
26300 Vršac

"ENOLOŠKA STANICA" VRŠAC DOO VRŠAC

ID No.: 08009988
Tax No. SR: 100914389
Account No.

Vojvodjanska bank 355-1011347-53
Credit Agricole bank 330-22000536-94
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Date of printing 12.03.2016.

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Results of testing No. 03-973

Applicant: DESTILERIJA VOLOS NATURA DOO BEOGRAD – VOŽDOVAC, Braće Jerkovića 66, BEOGRAD
Application No.: /
Date of application: 09.03.16
JCI number: /
Sampling done by: Authorized employees of the applicant and Enoloska stanica
Date of reception: 09.03.16
Testing started: 09.03.16
Testing ended: 12.03.16
Sample: analytical no. 1752 **BRANDY OF GRAPES**
/
Importer: /
Foreign supplier: /
Shipping: /
Type of transport: /
Phytosanitary inspector: /
No. phytosanitary inspector: /

Scope of analysis: Physical & Chemical analysis, Sensory analysis

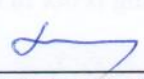
Enclosures: /

Based on the results of the laboratory testing it was found that the tested sample

MEETS

Requirements from the Food Safety Law ("Official Gazette of RS", br.41/09) and meet the requirements from Regulations stated in the report, compared to the tested parameters.




Dr Rajna Dušanov,
hygiene specialist

Remark 1: Testing results refer to the tested sample only.

Remark 2: This report must not be copied, except as a whole document, without written consent of the laboratory.



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Results of testing No. 03-973

Identification of the sample

SUBJECT OF ANALYSIS: BRANDY OF GRAPES

Anl. No. 1752
Serial No. /
Gross/Net: 0/0
Original packaging: /
Packaging bulk
Producer/Origin: DESTILERIJA VOLOS NATURA DOO BEOGRAD – VOŽDOVAC Serbia
Date of production/origin: /
Best before /

I. RESULTS OF SENSORY ANALYSIS

The tested sample is in form of clear, colorless liquid, characteristic smell and taste of grape brandy.

Applied methods:

UPI.1.165; UPI.1.034

Analyst



Sofija Rankov

Sofija Rankov, BSc Eng.

Head of Dep. of quality control sample

II. RESULTS OF MICROBIOLOGICAL ANALYSIS

Microbiological testing is not in the scope of analysis.

III. RESULTS OF BIOCHEMICAL AND BIOLOGICAL ANALYSIS

Biochemical and biological testing is not in the scope of analysis.



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IV. PHYSICAL AND CHEMICAL TESTING

Results of physical and chemical testing

ethanol content	Applied methods	Technics	Ref. value	Result	Measu. Unit
Ethanol content	Rule book 7) method 1a	denzimetry	min. 37.5	41.79	%vol
Total extract	Rule book 7) method 2	denzimetry	/	0.00	g/l
Total acid content	Rule book 7) method 3	volumetry	/	14.40	mg/l
Esters content	UPI.5.004	spectrophotometry	/	931	mg/l a.a.
Content of total aldehydes	Rule book 7) method 7	volumetry	/	168.42	mg/l a.a.
Methanol content	UPI.5.003	GC/FID	max. 10000	823	mg/l a.a.
Higher alcohol content	UPI.5.003	GC/FID	/	3207	mg/l a.a.
Content of furfural	Rule book 7) method 8	spectrophotometry	/	0,40	mg/l a.a.
Content of volatile substances	calculation	calculation	min. 2000	4306.8	mg/l a.a.
The contents of total sulfur dioxide	OIV/08, A17 MA-E-AS323-04-DIOSOU	volumetry	/	2.69	mg/l
Determination of heavy metals:					
Lead (Pb)	UPI.5.013	AAS	max 0.5	< 0.30	mg/l
Zink (Zn)	UPI.5.013	AAS	max 2.0	0.10	mg/l
Tin (Sn)	UPI.5.013	AAS	max 10.0	1.87	mg/l
Arsenic (As)	UPI.1.090	AAS	max 10.0	< 0.50	mg/l
Copper (Cu)	UPI.5.013	AAS	max 10.0	0.10	mg/l
Iron (Fe)	UPI.5.013	AAS	max 10.0	0.40	mg/l



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Based on organoleptic and analytical data it was found that the tested sample MEETS to the Law of strong alcoholic drinks ("Official Gazette Republic of Serbia, No. 92/2015) Article.6. Attachment: category 9, Regulations on food additives ("Official Gazette of Republic Serbia" No. 63/2013), Regulations on the maximum level of residues of pesticides in food and feed which is calculated the maximum allowed quantities of residues of plant protection products ("Official Gazette of RS" No. 29/14 Article 5., Attachment 4., Chapter II, Section 3.).

Head of the instrumental department

Head of the Physical and Chemical Dept.

Saša Popov, MSc Physical Chemist.
Spec. Physical Chemistry



Miodrag Kertes, BSc Tech.