



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  
Trezor 840-346723-90

info@enoloskastanica.com  
Tel: +381 13/821 600; 821-601  
Fax.: 013/832 792

Date of printing 12.03.2016.

Page 1 of 1

## 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:** The applicant  
**Date of reception:** 09.03.16  
**Testing started:** 09.03.16  
**Testing ended:** 12.03.16  
**Sample:** analytical no. 1753 **BRANDY OF APPLES**  
/  
**Importer:** /  
**Foreign supplier:** /  
**Shipping:** /  
**Type of transport:** /  
**Phytosanitary inspector:** /  
**No. phytosanitary inspector:** /

Scope of analysis: Physical & Chemical analysis, Sensory analysis

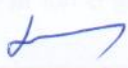
Enclosures: /

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 APPLES

Anl. No. 1753  
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 apple 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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Date of production/origin: /  
Best before /

### 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	42.03	%vol
Total extract	Rule book 7) method 2	denzimetry	/	0.00	g/l
Total acid content	Rule book 7) method 3	volumetry	/	40.80	mg/l
Esters content	UPI.5.004	spectrophotometry	/	1072	mg/l a.a.
Content of total aldehydes	Rule book 7) method 7	volumetry	/	171.80	mg/l a.a.
Methanol content	UPI.5.003	GC/FID	max. 12000	2506	mg/l a.a.
Higher alcohol content	UPI.5.003	GC/FID	/	4182	mg/l a.a.
Content of furfural	Rule book 7) method 8	spectrophotometry	/	2.38	mg/l a.a.
Content of volatile substances	calculation	calculation	min. 2000	5428.2	mg/l a.a.
<b>Determination of heavy metals:</b>					
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	1.90	mg/l
Arsenic (As)	UPI.1.090	AAS	max 10.0	< 0.20	mg/l
Copper (Cu)	UPI.5.013	AAS	max 10.0	0.20	mg/l
Iron (Fe)	UPI.5.013	AAS	max 10.0	0.10	mg/l



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ATC  
01-017

AKREDITOVANA  
LABORATORIJA  
ZA ISPITIVANJE  
SRPS ISO/IEC 17025:2006

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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.