

MILITARY MEDICAL ACADEMY
DEPARTMENT OF PREVENTIVE MEDICINE
INSTITUTE OF HYGIENE

11000 Belgrade, Crnotravska Str. N.17
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ATC
01-279
CERTIFIED
LABORATORY
FOR ANALYSIS
SRPS ISO/IEC

17025:2006

Belgrade, November 2, 2016

REPORT ON ANALYSIS N. 382/16

ORGANIZATION/INSTITUTION/
PERSON REQUESTING ANALYSIS:

"ZEO-MEDIC" d.o.o.
Belgrade -Zemun, Aleksandra Petrovića Street N. 25
Tel./Fax: (011) 3753 687

NUMBER/DATE OF REQUEST:

Number ZM-04/2016 as of October 25, 2016

SAMPLE TYPE:

Laboratory designation / S a m p l e

382/16 –"ZEO-MEDIC PRIRODNA PASTA ZA ZUBE SA
ZEOLITOM I XYLITOLOM" (ZEO-MEDIC NATURAL
TOOTHPASTE WITH ZEOLITE AND XYLITOL) a package
of 75 ml, date of production: October 24, 2016, expiration
date: 18 months;

BRIEF SAMPLE DESCRIPTION:

1 (one) sample of the product for general use was delivered
in original packaging. Manufacturer is "Zeo- Medic" d.o.o.
Belgrade.

Together with the analysis request it was delivered the
sampling declaration done by Nataša Djordjević from a

series of

1000 pieces.

REQUESTED ANALYSIS:

Laboratory tests for determining health safety;

DATE OF SAMPLE RECEIPT:

October 26, 2016

PROTOCOL NUMBER:

382/16

NOTE:

* The analysis results refer only to delivered sample of
Indicated serial number and expiration date!

* The name of VMA (MMA) cannot be placed on the package
or used for the purpose of advertising products.

VMA.Φ289



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MICROBIOLOGICAL ANALYSIS RESULTS:

Date of commencement of the analysis: October 26, 2016

ANALYZED PARAMETER	PROTOCOL NUMBER 382/16	APPLIED METHODS
Coagulase-positive staphylococci in 0,1g	Ø	Rulebook ⁵⁾ , method II/2
<i>Pseudomonas aeruginosa</i> in 0,1g	Ø	Rulebook ⁵⁾ , method II/3
<i>Proteus spp.</i> in 0,1g	Ø	Rulebook ⁵⁾ , method II/5
<i>Escherichia coli</i> in 0,1g	Ø	Rulebook ⁵⁾ , method II/4
Total number of bacteria in 1g	<10	Rulebook ⁵⁾ , method II/1
Yeasts and Moulds in 1g	<10	Rulebook ⁵⁾ , method II/1

Rulebook ⁵⁾ - Rulebook on methods for determination of pH value and quantity of toxic metals and non metals in products for hygiene, beauty of the face and body, as well for determination of the microbiological safety of these products. (Official Gazette of the SFRY No. 46/83)

Obtained values of analyzed parameters of delivered sample:

- 382/16 "ZEO-MEDIC PRIRODNA PASTA ZA ZUBE SA ZEOLITOM I XYLITOLOM"
(ZEO-MEDIC NATURAL TOOTHPASTE WITH ZEOLITE AND XYLITOL), a package of
75 ml, date of production: October 24, 2016, expiration date: 18 months;

Meet the requirements of the Art.106 of the Rulebook on health and safety of products for general use that can be placed on the market (The Official Gazette of the SFRY No.26/83 and 18/91).

Analysis end date: November 4, 2016

ANALYSIS MADE BY
Dr. Ivana Kovačević
Specialist in Microbiology
and Parasitology
(Signed)

VMA.Φ287



Milena Kovačević

CHEMICAL ANALYSIS RESULTS:

TABLE I: ANALYZED PARAMETERS IN DELIVERED SAMPLE (382/16):

ANALYZED PARAMETER	CONTENT
pH (pH unit on 20,9 °C)	7,43±0,1
Sodium fluoride (%)	<0,1
Xylitol (%)	4,93 ± 10%
Glycerol (%)	12,04 ± 10%
Potassium sorbate (%)	0,21 ± 10%
Sodium benzoate (%)	0,08 ± 10%

TABLE II: ANALYZED PARAMETERS IN DELIVERED SAMPLE (382/16):

ANALYZED PARAMETER	CONTENT
Lead (mg/kg)	0,30 ± 10%
Cadmium (mg/kg)	0,03 ± 10%
Arsenic (mg/kg)	0,38 ± 10%
Nickel (mg/kg)	0,39 ± 10%
Chromium (mg/kg)	0,04 ± 10%
Mercury (mg/kg)	<0,01

TABLE III: APPLIED METHODS:

PARAMETER	ANALYTICAL METHOD
• Lead, Cadmium, Nickel, Chromium, Mercury	ICP – AES; *
• Xylitol, Glycerol	Ion-exchange liquid chromatography - refractive detector; *
• Potassium sorbate, Sodium benzoate	HPLC-UV/VIS; *
• Sodium fluoride	Ion chromatography; *

*) Methods beyond scope of accreditation;

OPINION

Obtained values of analyzed parameters of delivered sample:

- 382/16 “ZEO-MEDIC PRIRODNA PASTA ZA ZUBE SA ZEOLITOM I XYLITOLOM”
(ZEO-MEDIC NATURAL TOOTHPASTE WITH ZEOLITE AND XYLITOL), a package of
75 ml, date of production: October 24, 2016, expiration date: 18 months;

meets requirements of the Art.101 par.1, Art. 102, Art. 103, Art. 105 par. 1, Art. 108, Art. 115 of the Rulebook on health and safety of products for general use (Official Gazette of the SFRY No.26/83), with amendments.

CHIEF OF DEPARTMENT
FOR SANITARY CHEMISTRY
Dr. Zorica Basić, Pharmacy Specialist
Sanitary Chemistry Specialist
(Personal signature)

HEAD OF DEPARTMENT FOR FOOD,
WATER AND CONSUMER GOODS
ANALYSIS
Lieutenant colonel
Dr. Ivica Janković
(Personal signature)

HEAD OF DEPARTMENT
Lieutenant colonel
Dr. Sinisa Mašić
(Personal signature)
(Stamp of the Military Medical Academy)

VMA.F287



Certified translation from Serbian language

MILITARY MEDICAL ACADEMY

DEPARTMENT OF PREVENTIVE MEDICINE

INSTITUTE OF HYGIENE

11000 Belgrade, Crnotravska Street N.17

Telephone: +381 11 360 92 02, +381 11 360 92 83, Fax: +381 11 266 62 30

Belgrade, November 7, 2016

CERTIFICATE

on fulfillment of conditions for the health safety of
products for general use

Based on the results of the

- *Report on analysis No. 382/16 dated November 2, 2016*

and following the requirements of

- *The Law on health safety of the products for general use (The Official Gazette of the Republic of Serbia, No. 92/2011),*
- *Art. 101. Par.1. T.a, Art. 101.Par.2, T.1, Art. 102., Art. 103., Art. 105 Par.1., Art. 106 and Art. 115 Par.2 and requirements from the List IV of the Rulebook on the conditions regarding the health suitability of the products for general use (Official Gazette of the SFRY No.26/83 and 18/91).*

Obtained values of the analyzed parameters of the delivered sample:

- **382/16** "ZEO-MEDIC PRIRODNA PASTA ZA ZUBE SA ZEOLITOM I XYLITOLOM" (ZEO-MEDIC NATURAL TOOTHPASTE WITH ZEOLITE AND XYLITOL), a package of 75 ml, date of production: October 24, 2016; expiration date: 18 months

Meets the requirements related to health safety of products for general use.

Note: The certificate is part of the documentation required for the database kept by the Ministry of Health of the Republic of Serbia. The VMA (MMA) name cannot be displayed on the packaging or used for the purpose of advertising products.

HEAD OF DEPARTMENT

Lieutenant colonel

Dr. Sinisa Mašić

(Personal signature)

(Stamp of the Military Medical Academy)

..... (End of translation)

I, the undersigned sworn-in court translator according to the Decision of the Ministry of Justice No.760-06-197/2002-04 from 02 October 2002, certify hereby that this translation into English is fully true to the original text written in the Serbian language.
Belgrade, November 1, 2017.

Milena Kovačević,
Sworn in Court translator for English,
Swedish and Slovenian language





Certified translation from Serbian language

**MINISTRY OF DEFENSE
ADMINISTRATION OF MILITARY HEALTH
MILITARY MEDICAL ACADEMY**

Number 10-1023

On November 9, 2016

Keep until the end of 2019

Function 20, ordinal n. 50

Date: November 7, 2016

Processed by: S.Mirčevski

(Signed)

Report on analysis is delivered by

“Zeo-Medic” d.o.o.

Zemun, Aleksandra Petrovića street n. 25

Reference: Your request number ZM-04/2015 as of October 25, 2016 (our reference number: 10-978 as of October 26, 2016)

In attachment of the document we deliver:

° Report on analysis and expert opinion n. 382/16 as of November 2, 2016.

SM

HEAD OF THE SECTOR FOR
PREVENTIVE MEDICINE

Prof.dr Sonja Radaković (signed)

(Stamp of the MINISTRY OF DEFENSE, MILITARY MEDICAL ACADEMY)

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