

 ATC 01-083 ЛАБОРАТОРИЈА ЗА ИСПИТИВАЊЕ ISO/IEC 17025	LABORATORIJA KNJAZ MILOŠ 	LABORATORIJA "KNJAZ MILOŠ" Krčevački put 26, 34300 Aranđelovac tel:034/700-254 PIB: 100994867 Žiro-račun: 265-1100310001579-65 e-mail: laboratorija@knjaz.co.rs	Report number: 100-2025/648-1 Date of test report: 05.08.2025 Page: 1 of 2
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TEST REPORT

REQUEST

REQUEST FOR TESTING/CONTRACT: from 18.07.2025

REQUESTED TESTING: **Health Safety Opinion- HEALTH CERTIFICATE**

NORMATIVE: **Rulebook on the conditions regarding the health and safety of common use that may be placed on the market**

SAMPLE DATA

TYPE OF SAMPLE: **packaging of artificial mass**

NAME OF SAMPLE: **PET bottles, transparent**

IDENTIFICATION NUMBER OF SAMPLE: **964/5/2025**

COUNTRY OF ORIGIN:

DATE OF PRODUCTION:

EXPIRATION PERIOD:

OTHER SAMPLE INFORMATION: The sample was accompanied by a statement that the PET bottle samples of 5ml, 10ml, 15ml, 20ml, 30ml, 50ml, 60ml, 75ml, 80ml, 100ml, 125ml, 135ml, 150ml, 200ml, 300ml and 400ml were produced from the same material (PET granulate Octal GP-01) and half the same technology. Sample data obtained from users and laboratories do not answer for the accuracy of the information.

SAMPLING RECORD NUMBER: /

SAMPLING METHOD: The sample has been provided by the customer. The results apply to the sample as received

SAMPLING DATE/SAMPLE TAKEN: /

SAMPLING PLACE/SAMPLE TAKEN:

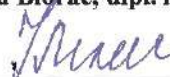
SAMPLER: /

DATE OF RECEIVING: **18.07.2025 08:45**

TESTING PLACE: **Laboratory**

REMARKS:

QUALITY DIRECTOR
Jasna Biorac, dipl. ing. tehn.




 ATC 01-083 ЛАБОРАТОРИЈА ЗА ИСПИТИВАЊЕ БОЈЕС 17025	LABORATORIJA KNJAZ MILOŠ 	LABORATORIJA "KNJAZ MILOŠ" Krčevački put 26, 34300 Aranđelovac tel:034/700-254 PIB: 100994867 Žiro-račun: 265- 1100310001579-65 e-mail: laboratorija@knjaz.co.rs	Report number: 100-2025/648-1
			Date of test report: 05.08.2025
			Page: 2 of 2

TEST RESULTS

NAME OF SAMPLE: PET bottles, transparent

IDENTIFICATION NUMBER OF SAMPLE: 964/5/2025

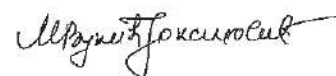
Beginning of testing: 18.07.2025

End of testing: 01.08.2025

PARAMETERS	UNIT	RESULT	THE VALUE OF REFERENCE	METHOD	
Sensory tests	Samples are bottles, colorless transparent, made of artificial material, eight different specific sizes and shapes, with thread, smooth surface, without foreign impurities.			DM 0049	Senzory
Smell (1 h at 52°C)		0		DM 0049	Senzory
Taste (distilled water 70°C/5 min)		0		DM 0049	Senzory
Grading is done according to the smell and taste intensity scale of 0-4, listed in Practicum "Control of packaging materials and packaging, TF N. Now, in January 1992., Where more than 2 rating points to illegal intensity that could adversely affect the organoleptic properties of foods.					
Colour fastness	%	99.9	> 95	DM 0425	Spectrophotometry
TESTING REQUIREMENTS: The solution 3% CH ₃ COOH; time of testing 24; temperature of testing 20°C; tested area in use					
Migration of total low-molecular organic and inorganic substances	mg/dm ²	< 1.0	≤ 10	DM 0156	Gravimetric
Migracija metala/ Migration of metals					
Lead Pb	mg/l	< 0.1	≤ 0.5	DM 0150	AAS
Cadmium Cd	mg/l	< 0.05	≤ 0.05	DM 0150	AAS
Zinc Zn	mg/l	< 0.01	≤ 50	DM 0150	AAS
Chromium Cr	mg/l	< 0.07	≤ 0.1	DM 0150	AAS
Arsenic As	mg/l	< 0.0006	≤ 0.1	DM 0150	AAS
Mercury Hg	mg/l	< 0.001	≤ 0.01	DM 0150	AAS
Barium Ba	mg/l	< 0.4	≤ 0.5	DM 0150	AAS
Selenium Se	mg/l	< 0.002	≤ 0.5	DM 0150	AAS
Tin Sn	mg/l	< 1.5	≤ 10	DM 0150	AAS
Cobalt Co	mg/l	< 0.1	≤ 5	DM 0150	AAS
TESTING REQUIREMENTS: The solution - deionized water; time of testing 24h; temperature of testing 20°C; tested area in use					
The migration of primary aromatic amines, calculated as aniline	µg/dm ²	< 0.1	≤ 20	DM 0152	GC/MS
Migration of secondary aromatic amines, calculated as diphenylamine	µg/dm ²	< 0.1	≤ 20	DM 0152	GC/MS
Di-n-Butyl phthalate	µg/dm ²	< 0.1	≤ 0.1	DM 0152	GC/MS
Di-n-Octyl phthalate	µg/dm ²	< 0.1		DM 0152	GC/MS
Bis (2-ethylhexyl) phthalate	µg/dm ²	< 0.1		DM 0152	GC/MS

The results of the tested parametres CORRESPOND to Rulebook on the conditions regarding the health safety of objects of general use that can be placed on the market, Official Gazette of the SFRY, no. 26/83, 61/84, 56/86, 50 / 89, 18 / 91, 60/2019 and 78/2019 (with 95% confidence level for extended measurement uncertainty) decision rule applied: L KM UP 7.8-001 Rule 1-binary simple acceptance

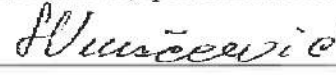
Verified the results: Mirjana Vukić-Joksimović, spec. hem.



Verified the results: Perica Vasiljević, dipl.hemičar



Evaluation of results: Sežana Vukčević, spec. sanitarne hem.



The test report relate exclusively to the samples that were tested. The test report is authentic with the original stamp on each sheet.

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EXPERT OPINION		

Based on the results of publicized laboratory testing and expert opinion, it has been determined that tested sample

SAMPLE NAME: PET bottles, transparent

IDENTIFICATION NUMBER OF SAMPLE: 964/5/2025

CORESPODENT TO THE HEALTH SAFETY rules and according to the parameters, provision of Law on sanitary soundness of objects of general consumption Official Gazette no 25/19 and Rulebook on conditions in terms of sanitary soundness of objects of general consumption which can be placed on market Official Gazette of SFRJ, number 26/83, 61/84, 56/86, 50/89, 18/91, 60/2019 and 78/2019.

place and date
 Expert opinion issued,
 Arandjelovac, **05.08.2025**

Dr sc med Milan Sunđer, spec. hig.

