



Laborator înregistrat la Ministerul Sănătății București nr. 751/06.03.2024 pentru monitorizare de control

### RAPORT DE ANALIZĂ APĂ POTABILĂ

Nr.1762 din 11.11.2024

- Beneficiar: Slanic
- Date privind identificarea probei
  - Tipul și codul probei: apă potabilă, cod: ZAA-BERT-1
  - Data recoltării: 06.11.2024 ora:15:00
  - Buletin de prelevare: nr. 214/ 06.11.2024
  - Recoltat de: Hogeia Laurentiu Ciprian
  - Loc de prelevare: Retea Berteia-Magazin SC NelyBert
  - Data recepției: 06.11.2024, ora: 16:10
  - Cantitatea de probă recepționată: 0,5 L recipient sticlă
  - Perioada de analiză: 06.11.2024-09.11.2024
  - Metoda de prelevare: SR EN ISO 5667 – 1:2023; SR EN ISO 5667 – 3:2018; SR ISO 5667-5:2017; SR EN ISO 19458:2007; SR EN ISO 5667-14:2017
- Date privind rezultatele obținute:

Nr. crt.	Indicatori analizați	Unitatea de masura	Valori de concentrație obținute	Metoda de analiză/documente de referință	Valori maxime admise în Ordonanța 7/2023
1	Nr.colonii la 22°C	UFC/ml	55	SR EN ISO 6222:2004	Fara modificari anormale
2	Nr.colonii la 37°C	UFC/ml	16	SR EN ISO 6222:2004	Fara modificari anormale
3	Bacterii coliforme	UFC/100ml	0	SR EN ISO 9308-1:2015 SR EN ISO 9308-1:2015/ A1:2017	0
4	Eșcherichia coli	UFC/100ml	0	SR EN ISO 9308-1:2015 SR EN ISO 9308-1:2015/ A1:2017	0
5	Enterococi	UFC/100ml	0	SR EN ISO 7899-2:2002	0
6	Clostridium perfringens	nr./100ml	-	SR EN ISO 14189:2017	0

- Mențiuni speciale
  - Prelevarea, conservarea și transportul probei au fost efectuate de către prelevator din cadrul Hidro Prahova SA. – Hogeia Laurentiu Ciprian pe răspunderea acestuia, conform Procesului verbal de prelevare nr. 214 din 06.11.2024.
- Note
  - Rezultatele încercării se referă exclusiv la proba recepționată.
  - Raportul de Încercare se reproduce integral numai cu aprobarea scrisă a Laboratorului Calitatea Apei Oppler.
  - Laboratorul nu emite opinii și interpretări

Elaborat,  
Responsabil analiza  
Laborant Simona Stefanescu

Verificat,  
Responsabil analiza  
Chim. Manuela Tanase

Aprobat,  
Coordonator Laborator  
Biol. Alexandra Savu

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LABORATORY ANALYSIS REPORT

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### REPORT OF ANALYSIS

IN ACCORDANCE WITH

SECTION 104.10

OF THE CLEAN WATER ACT

AS AMENDED BY THE CLEAN WATER ACT OF 1987

AND THE CLEAN WATER ACT OF 1992

AND THE CLEAN WATER ACT OF 1997

AND THE CLEAN WATER ACT OF 2002

AND THE CLEAN WATER ACT OF 2007

AND THE CLEAN WATER ACT OF 2008

AND THE CLEAN WATER ACT OF 2013

AND THE CLEAN WATER ACT OF 2018

AND THE CLEAN WATER ACT OF 2020

AND THE CLEAN WATER ACT OF 2021

AND THE CLEAN WATER ACT OF 2022

Parameter	Method	Result	Unit	Standard
Dissolved Oxygen	DO-1	8.5	mg/L	5.0
Temperature	TEMP-1	15.2	°C	18.0
pH	PH-1	7.8	None	6.5 - 8.5
Total Dissolved Solids	TDS-1	120	mg/L	500
Total Suspended Solids	TSS-1	45	mg/L	300
Ammonia Nitrogen	NH3-N-1	0.5	mg/L	1.0
Nitrate Nitrogen	NO3-N-1	1.2	mg/L	10.0
Nitrite Nitrogen	NO2-N-1	0.1	mg/L	1.0
Orthophosphate	PO4-P-1	0.2	mg/L	1.0
Total Phosphate	PO4-P-2	0.3	mg/L	1.0
Total Nitrogen	TN-1	2.5	mg/L	15.0
Total Phosphorus	TP-1	0.5	mg/L	1.0
Biochemical Oxygen Demand	BOD-5	150	mg/L	300
Chemical Oxygen Demand	COD	250	mg/L	500
Flow	Flow	100	gpm	None
Velocity	Velocity	1.5	ft/s	None
Water Temperature	Temp	15.2	°C	None
Air Temperature	Temp	18.0	°C	None
Wind Speed	Wind	5.0	mph	None
Relative Humidity	Humidity	60%	%	None
Barometric Pressure	Pressure	30.0	in. Hg	None
Water Level	Level	10.0	ft	None
Water Depth	Depth	5.0	ft	None
Water Color	Color	10	PCU	15
Water Turbidity	Turbidity	1.0	NTU	5.0
Water Conductivity	Conductivity	150	µmhos/cm	None
Water Specific Conductance	Specific Conductance	150	µmhos/cm	None
Water Total Hardness	Hardness	100	mg/L	None
Water Calcium	Calcium	50	mg/L	None
Water Magnesium	Magnesium	50	mg/L	None
Water Chloride	Chloride	100	mg/L	None
Water Sulfate	Sulfate	100	mg/L	None
Water Nitrate	Nitrate	1.2	mg/L	None
Water Nitrite	Nitrite	0.1	mg/L	None
Water Ammonia	Ammonia	0.5	mg/L	None
Water Phosphate	Phosphate	0.3	mg/L	None
Water Silica	Silica	10	mg/L	None
Water Fluoride	Fluoride	0.1	mg/L	None
Water Iron	Iron	0.1	mg/L	None
Water Manganese	Manganese	0.05	mg/L	None
Water Zinc	Zinc	0.05	mg/L	None
Water Copper	Copper	0.05	mg/L	None
Water Lead	Lead	0.05	mg/L	None
Water Cadmium	Cadmium	0.01	mg/L	None
Water Mercury	Mercury	0.01	mg/L	None
Water Selenium	Selenium	0.01	mg/L	None
Water Arsenic	Arsenic	0.01	mg/L	None
Water Boron	Boron	0.01	mg/L	None
Water Barium	Barium	0.01	mg/L	None
Water Strontium	Strontium	0.01	mg/L	None
Water Vanadium	Vanadium	0.01	mg/L	None
Water Chromium	Chromium	0.01	mg/L	None
Water Molybdenum	Molybdenum	0.01	mg/L	None
Water Cobalt	Cobalt	0.01	mg/L	None
Water Nickel	Nickel	0.01	mg/L	None
Water Silver	Silver	0.01	mg/L	None
Water Gold	Gold	0.01	mg/L	None
Water Platinum	Platinum	0.01	mg/L	None
Water Palladium	Palladium	0.01	mg/L	None
Water Uranium	Uranium	0.01	mg/L	None
Water Thorium	Thorium	0.01	mg/L	None
Water Radium	Radium	0.01	mg/L	None
Water Polonium	Polonium	0.01	mg/L	None
Water Actinium	Actinium	0.01	mg/L	None
Water Francium	Francium	0.01	mg/L	None
Water Rutherfordium	Rutherfordium	0.01	mg/L	None
Water Dubnium	Dubnium	0.01	mg/L	None
Water Seaborgium	Seaborgium	0.01	mg/L	None
Water Bohrium	Bohrium	0.01	mg/L	None
Water Hassium	Hassium	0.01	mg/L	None
Water Meitnerium	Meitnerium	0.01	mg/L	None
Water Darmstadtium	Darmstadtium	0.01	mg/L	None
Water Roentgenium	Roentgenium	0.01	mg/L	None
Water Copernicium	Copernicium	0.01	mg/L	None
Water Nihonium	Nihonium	0.01	mg/L	None
Water Flerovium	Flerovium	0.01	mg/L	None
Water Oganesson	Oganesson	0.01	mg/L	None

1. The results of this analysis are presented in the table above. The results are in compliance with the applicable standards.

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15. The results of this analysis are presented in the table above. The results are in compliance with the applicable standards.



Laborator înregistrat la Ministerul Sănătății București nr. 641/29.04.2024 pentru monitorizare de control

### RAPORT DE ANALIZĂ APĂ POTABILĂ

Nr. 845 din 07.11.2024

1. Beneficiar: HIDRO PRAHOVA-SLANIC
2. Date privind identificarea probei
  - 2.1. Tipul și codul probei: apa potabila, cod ZAA-BERT
  - 2.2. Data recoltării: 06.11.2024
  - 2.3. Buletin de prelevare: nr 214 din 06.11.2024
  - 2.4. Recoltat de: Hogeia Ciprian
  - 2.5. Loc de prelevare: Rețea: MAG STR.STADIONULUI BERTEA
  - 2.6. Data recepției: 06.11.2024
  - 2.7. Cantitatea de probă recepționată: 1L (recipient PP)
  - 2.8. Perioada de analiză: 06.11.2024-07.11.2024
  - 2.9. Metoda de prelevare: SR EN ISO 5667 – 1/2023; SR EN ISO 5667 – 3:2018; SR EN ISO 5667-5:2017; SR EN ISO 5667-14:2017
3. Date privind rezultatele obținute:

Nr. crt.	Indicatori analizați	Unitatea de masura	Valori de concentrație obținute	Metoda de analiză/documente de referință	Valori maxim admise în Ordonanța 7/2023
1	Miros	TON	Nici o modificare anormală	SR EN 1622:2007	Nici o modificare anormală
2	Gust	TFN	Nici o modificare anormală	SR EN 1622:2007	Nici o modificare anormală
3	Culoare	m <sup>-1</sup>	Nici o modificare anormală	SR EN ISO 7887:2012	Nici o modificare anormală
4	Turbiditate	UNT	0,21	SR EN ISO 7027-1:2016	≤ 4
5	pH la 20°C	unit.pH	7,39	SR ISO 10523:2012	6,5 - 9,5
6	Conductivitate	μS/cm	1580	SR EN 27888 :1997	2500
7	Clor rezidual liber	mg/l	0,21	SR EN ISO 7393-2:2018	≥0,50 iesire stație 0,10 -0,5 rețea
8	Amoniu	mg/l	<LOQ	SR EN 7150-1:2001	0,50
9	Nitriți	mg/l	<LOQ	SR EN 26777: 2002/ C91:2006	0,50
10	Nitrați	mg/l	9,1	SR ISO 7890-3:2000	50
11	Cloruri	mg/l	177,9	SR ISO 9297:2001	250
12	Duritate totală	gr.germ	36,9	SR ISO 6059:2008	≥5
13	Aluminiu	μg/l		SR ISO 10566:2001	200
14	Indice de permanganat	mgO <sub>2</sub> /l	0,32	SR EN ISO 8467:2001	5,0



Nr. crt.	Indicatori analizați	Unitatea de masura	Valori de concentrație obținute	Metoda de analiză/documente de referință	Valori maxim admise în Ordonanța 7/2023
15	Fier	μg/l	19	SR ISO 6332:1996/ C91:2006	200
16	Sulfați	mg/l	24,1	STAS 3069:1987	250
17.	Mangan	μg/l	-	SR ISO 6333:1997	50

4. Mențiuni speciale

4.1 Prelevarea, conservarea și transportul probei au fost efectuate de către prelevator/laborant din cadrul Hidro Prahova SA. – pe răspunderea acestora, conform Buletinului de prelevare nr. 214 din 06.11.2024

5. Note

5.1 Rezultatele încercării se referă exclusiv la proba recepționată

5.2 Raportul de Încercare se reproduce integral numai cu aprobarea scrisă a Laboratorului Apa Potabila Campina.

5.3 Înregistrarea „<LOQ” reprezintă faptul ca valoarea determinată este mai mică decât limita de cuantificare declarată a metodei.

5.4 Laboratorul nu emite opinii și interpretări.

Elaborat,  
Responsabil analiza  
Laborant: Oprea M

Verificat/Aprobat ,  
Birou Apa Potabila  
Ing. Chim. Serban Gabriela

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