**SISTEMUL HIDROTEHNIC VALENII DE MUNTE - LABORATOR CALITATEA APEI VALENII DE MUNTE**

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**Laborator inregistrat la Ministerul Sanatatii Publice pentru monitorizarea calitatii apei potabile**

**conform Legii 458/2002, modificata si completata**

# RAPORT DE INCERCARE NR: 498 / DATA: 18.06.2022 - ora 230

# BENEFICIAR- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

PROBA DE ANALIZAT- **apa potabila**

Prelevare:

- punct de prelevare – iesire STA Valenii de Munte

- metoda de prelevare - **SR ISO 5667-5/2017, SR EN ISO 19458/2007**

- prelevatorul – **LABORATOR C.A. VALENII DE MUNTE**

Data prelevarii probei: 18.06.2022, ora 230

Data executarii analizei: 18.06.2022÷ 21.06.2022

NOTE:

**1.Acest raport de incercare se refera numai la proba de apa specificata.**

**2.Se interzice reproducerea totala sau partiala a acestui raport de incercare fara aprobarea emitentului.**

REZULTATE:

| **Nr. crt.** | **Denumirea**  **analizei** | | **Unitate**  **de**  **masura** | **Standard** | **Limite admise**  **cf. legii 458/2002, modificata si completata** | **Rezultate** |
| --- | --- | --- | --- | --- | --- | --- |
| 1. | Turbiditate | | UNT | SR EN ISO 7027-1/2016 | **≤ 5** | ***0.35*** |
| 2. | Aluminiu | | µg/l | SR ISO 10566/2001 | **200** | ***48*** |
| 3. | Amoniu | | mg/l | SR ISO 7150-1/2001 | **0.5** | ***<LOQ***  ***0*** |
| 4. | Clor rezidual | liber | mg/l | SR EN ISO 7393-2/2018 | **0.10 ÷ 0.50**  **in retea** | ***0.85*** |
| total | mg/l | ***0.90*** |
| 5. | Cloruri | | mg/l | SR ISO 9297/2001 | **250** | ***121.95*** |
| 6. | Conductivitate | | μS/cm | SR EN 27888/1997 | **2500** | ***884*** |
| 7. | Culoare | | m-1 | SR ISO 7887/2012 | **nici o modificare anormala** | **nici o modificare anormala** |
| 8. | Duritate | | grade germane | SR ISO 6059/2008 | **minim 5** | **13.57** |
| 9. | Fier | | µg/l | SR ISO 6332/1996-C91/2006 | **200** | ***58*** |
| 10. | Gust TFN | |  | SR EN 1622/2007 | **nici o modificare anormala** | **nici o modificare anormala** |
| 11. | **Indice de permanganat** | | mg O2/l | SR EN ISO 8467/2001 | **5** | ***0.66*** |
| 12. | **Mangan** | | µg/l | HACH | **50** | ***8*** |
| 13. | **Miros TON** | |  | SR EN 1622/2007 | **nici o modificare anormala** | **nici o modificare anormala** |
| 14. | **Nitrati** | | mg/l | SR ISO 7890-3/2000 | **50** | ***3.96*** |
| 15. | **Nitriti** | | mg/l | SR EN 26777/2002 | **0.5** | ***<LOQ***  ***0*** |
| 16. | **N formula** | | mg/l | Legea 458/2002 | **[nitrat] [nitrit]**  **\_\_\_\_\_\_\_\_\_ +  \_\_\_\_\_\_\_\_\_ ≤ 1**  **50 3** | ***0.079*** |
| 17. | **pH** | | unitati pH | SR ISO 10523/2012 | **≥ 6.5 ÷ ≤ 9.5** | ***7.39*** |
| 18. | **Sodiu** | | mg/l | Metoda electrochimica | **200** | ***68.5*** |
| 19. | **Sulfati** | | mg/l | STAS 3069/1987 | **250** | ***153.40*** |
| 20. | **Numar de colonii la 22ºC** | | UFC/ml | SR EN ISO 6222/2004 | **nici o modificare anormala** | ***0*** |
| 21. | **Numar de colonii la 37ºC** | | UFC/ml | SR EN ISO 6222/2004 | **nici o modificare anormala** | ***0*** |
| 22. | **Bacterii coliforme totale** | | numar/100ml | SR EN ISO  9308-1/2015/A1:2017 | **0** | ***0*** |
| 23. | **Escherichia coli** | | numar/100ml | SR EN ISO  9308-1/2015/A1:2017 | **0** | ***0*** |
| 24. | **Enterococi** | | numar/100ml | SR EN ISO 7899-2/2002 | **0** | ***0*** |
| 25. | **Clostridium perfringens** | | numar/100ml | SR EN ISO 14189/2017 | **0** | ***0*** |

## **\*LOQ = limita de cuantificare;**

**LOQ AMONIU = 0.038 mg/l;**

**LOQ NITRITI = 0.019 mg/l.**

**LOQ FIER = 0.028 mg/l.**

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Inginer Chimist: Biolog: Sef laborator:

MATACHE ANGHEL MATACHE

GIANINA IRINA GIANINA

  

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