

RAPORT DE INCERCARE nr. / data emiterii: PF3199806 / 22-10-2019

Provenienta probei: **proba apa potabila retea**

Adresa prelevare: 20. B-dul Th. Palady nr. 250, Liceul teoretic Theodor Pallady

Data primirii probei / data efectuării analizelor: **18-10-2019 / 18-10-2019 - 21-10-2019**

Cine a recoltat proba: Chiriac Sylviu

I.DETERMINARI FIZICO-CHIMICE - Conform Legii 458/2002 (cu modificarile ulterioare)

| Nr. crt. | Indicatori organoleptici si fizico-chimici | Unitate de masura | Valori obtinute | Valori maxim admise (conf.L. 458/2002) | Referential |
|----------|--------------------------------------------|-----------------------|-------------------------------------|----------------------------------------------------------|-----------------------------------------------|
| 1 | Miros* | - | Acceptabila | Acceptabila consumatorilor si nici o modificare anormala | SR EN 1622: 2007 |
| 2 | Gust* | - | Acceptabila | Acceptabila consumatorilor si nici o modificare anormala | SR EN 1622: 2007 |
| 3 | Culoare* | grade / nm unitati pH | 1 / 455 7.73/20°C Acceptabila | Acceptabila consumatorilor si nici o modificare anormala | SR EN ISO 7887: 2012 |
| 4 | pH | unitati pH | 7.73/20°C | ≥6.5; ≤9.5 | SR EN ISO 10523:2012 |
| 5 | Conductivitate | μS/cm la 25°C | 310 | 2500 | SR EN 27888:1997 |
| 6 | Amoniu | mg/l | <0.025 | 0.50 | SR ISO 7150-1:2001 |
| 7 | Nitriti | mg/l | <0.002 | 0.50 | SR EN 26777:2002 SR EN 26777:2002/C91:2006 |
| 8 | Nitrati | mg/l | 3.61 | 50 | SR ISO 7890-3:2000 |
| 9 | Fier | μg/l | 41 | 200 | SR ISO 6332:1996 SR ISO 6332:1996/C91:2006 |
| 10 | Oxidabilitate | mgO ₂ /l | 1.48 | 5.0 | SR EN ISO 8467:2001 |
| 11 | Duritate totala | grade germane | 7.62 | ≥ 5 | SR ISO 6059:2008 |
| 12 | Aluminiu | μg/l | 34 | 200 | SR ISO 10566:2001 |
| 13 | Clor rezidual liber | mg/l | 0.36 / 4:32 ¹ | ≥0.10; ≤0.50 | SR EN ISO 7393-2:2018 |
| 14 | Turbiditate | UNT | 0.380 | ≤ 5.0 | SR EN ISO 7027-1:2016 |

II.DETERMINARI MICROBIOLOGICE - Conform Legii 458/2002 (cu modificarile ulterioare)

| Nr. crt. | Indicatori microbiologici | Unitate de masura | Valori obtinute | Valori admise (conf.L. 458/2002) | Referential |
|----------|---------------------------|-------------------|-----------------|----------------------------------|----------------------------------------------------------|
| 1 | Bacteriilor coliforme | UFC/100 ml | 0 | 0 | SR EN ISO 9308-1: 2015 SR EN ISO 9308-1: 2015/A1:2017 |
| 2 | Escherichia coli | UFC/100 ml | 0 | 0 | SR EN ISO 9308-1: 2015 SR EN ISO 9308-1: 2015/A1:2017 |
| 3 | Enterococi | UFC/100 ml | 0 | 0 | SR EN ISO 7899 - 2 : 2002 |
| 4 | Clostridium Perfringens | UFC/100 ml | 0 | 0 | SR EN ISO 14189:2017 |

Verificat / Aprobat / Sef laborator
Mariana Litescu



Intocmit inginer chimist
Elena Soafe



Intocmit biolog
Liliana Albu



Rezultatele incercarilor se refera numai la proba de apa analizata. Proba de apa are caracter momentan.

Proba se preleveaza conform procedurii generale cod: LCCAP – PG 7.3.

Raportul de incercare se completeaza in doua exemplare.

* Incercare neacreditata.

¹ Reprezinta diferenta de timp intre prelevare si analiza; maxim 6 ore.

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Cod LCCAP – F 7.8.1/Rev.0/04.2019.

Rezultatele notate "<" reprezinta valori situate sub limita de cuantificare a metodei. CMA: concentratia maxima admisa.