

### Calitatea apei potabile - Drobeta Turnu Severin – mai 2017

| Nr. crt. | Parametrul determinat                       | Unitatea de masura (U.M.) | Rezultatul incercarii | Valoarea CMA conform Legii 458/2002 republicată in 10.12.2015 |
|----------|---|---------------------------|-----------------------|---|
| 1        | pH  | unitati de pH             | 7,77                  | $\geq 6.5 - \leq 9.5$   |
| 2        | Turbiditate                                 | N.T.U.                    | 0,50                  | $\leq 5$ NTU  |
| 3        | Alcalinitate totală                         | mmoli/l                   | 3,11                  | Nu e normata  |
| 4        | Nitrați                                     | mg/l                      | 5,38                  | 50 mg/ l  |
| 5        | Nitriți                                     | $\mu\text{g/l}$           | $<5,37^1$             | 500 $\mu\text{g/l}$   |
| 6        | Amoniu                                      | $\mu\text{g/l}$           | 39,69                 | 500 $\mu\text{g/l}$   |
| 7        | Conductivitate electrica                    | $\mu\text{S/cm}$          | 405                   | 2500 $\mu\text{S/cm}$   |
| 8        | Sulfati                                     | mg/l                      | 21,17                 | 250 mg/ l   |
| 9        | Cloruri                                     | mg/l                      | 18,39                 | 250 mg/ l   |
| 10       | Indice de permanganat                       | mgO <sub>2</sub> /l       | 1,23                  | 5 mg O <sub>2</sub> / l                                       |
| 11       | Fier total                                  | $\mu\text{g/l}$           | $<16,97^1$            | 200 $\mu\text{g/l}$   |
| 12       | Clor rezidual liber                         | mg/l                      | 0,55                  | 0,5 mg/ l   |
| 13       | Clor rezidual total                         | mg/l                      | 0,60                  | -   |
| 14       | Clor rezidual liber/<br>Clor rezidual total | %                         | 91,67                 | min.80%   |
| 15       | Aluminiu                                    | $\mu\text{g/l}$           | 87,98                 | 200 $\mu\text{g/l}$   |
| 16       | Duritate totala                             | °Ge                       | 10,74                 | Min 5°Ge  |
| 17       | Calciu                                      | mg/l                      | 54,87                 | Nu e normat   |
| 18       | Fluoruri                                    | mg/l                      | 0,13                  | 1,2 mg/l  |
| 19       | Sulfuri si hidrogen sulfurat                | $\mu\text{g/l}$           | $<1^1$                | 100 $\mu\text{g/l}$   |
| 20       | Sodiu                                       | mg/l                      | 12,31                 | 200 mg/l  |
| 21       | Numar de colonii la 22°C                    | nr./cm <sup>3</sup>       | 0                     | Nici o modificare anormala                                    |
| 22       | Numar de colonii la 37°C                    | nr./cm <sup>3</sup>       | 0                     | Nici o modificare anormala                                    |
| 23       | Bacterii coliforme                          | nr./100cm <sup>3</sup>    | 0                     | 0   |
| 24       | Escherichia Coli                            | nr./100cm <sup>3</sup>    | 0                     | 0   |
| 25       | Enterococi intestinali                      | nr./100cm <sup>3</sup>    | 0                     | 0   |
| 26       | Clostridium Perfringens                     | nr./100cm <sup>3</sup>    | 0                     | 0   |

- <sup>1)</sup> reprezinta limita de detectie a metodei