

## Analysis report

\* The marked activities in this report are not included in the accreditation scope of the laboratory.

| GENERAL DATA  |
|---|
| <b>REPORT Nº:</b> 3572789   |
| <b>ANALYSIS Nº:</b> 7418559   |
| <b>APPLICANT:</b> AMBISALUD CALIDAD AMBIENTAL, S.L  |
| <b>ADDRESS:</b> Paseo de la Castellana 143 Planta 11 AB   |
| <b>TOWN:</b> 28046-Madrid   |
| <b># SAMPLE DENOMINATION:</b> 230227-W01  |
| <b>SAMPLE DESCRIPTION:</b> 250ml amber glass bottle (sodium thiosulfate)(1), 50 mL (Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ) vial(2), 50 mL glass vial (NH <sub>4</sub> Cl)(1), 500 mL sterile plastic (Sodium Thiosulfate)(1), Plastic bottle of 500 mL(1), sterile 15 mL container(1), sterile 15 mL container (HNO <sub>3</sub> )(1), sterile 50 mL container(1), containing drinking water |
| <b>RECEIPT DATE:</b> 29/04/2023   |
| <b>END AND SUBMIT DATE</b> 18/05/2023   |

Analysis performed in LABAQUA. Tests covered by ENAC accreditation nº 109/LE285; C/ Dracma,16-18- Pol. Ind. Las Atalayas 03114 ALICANTE - Tel. +34 965 10 60 70 - Fax +34 965 10 60 80:

Start analysis date 29/04/2023.

| PARAMETERS                                | METHODS                                  | RD 3/2023 | RESULTS        | UNITS |
|---|--|-----------|----------------|-------|
| <b>Organoleptics characters</b>           |  |           |                |       |
| Turbidity                                 | A-A-PE-0032 Multiparametric probe        | 4         | < 0.20 ± 19%   | UNF   |
| <b>Physical and chemical constituents</b> |  |           |                |       |
| * Dissolved solids                        | A-F-PE-0018 Gravimetry                   |           | 289 ± 10%      | mg/L  |
| Free Residual Chlorine                    | A-C-PE-0018 Absorption Spectrophotometry | 1         | < 0.05 ± 17%   | mg/L  |
| Total residual chlorine                   | A-C-PE-0018 Absorption Spectrophotometry |           | 0.09 ± 13%     | mg/L  |
| <b>Majority Cations</b>                   |  |           |                |       |
| Sodium                                    | A-D-PE-0026-1 Metals ICP-MS              | 200       | 47.9 ± 12%     | mg/L  |
| <b>Anions</b>                             |  |           |                |       |
| Chloride                                  | A-BV-PE-0001HPLC-Conductivity            | 250       | 44.5 ± 13.0%   | mg/L  |
| Fluoride                                  | A-BV-PE-0001HPLC-Conductivity            | 1.5       | 0.12 ± 12.9%   | mg/L  |
| Nitrate                                   | A-BV-PE-0001HPLC-Conductivity            | 50        | 2.6 ± 13.1%    | mg/L  |
| Sulfates                                  | A-BV-PE-0001HPLC-Conductivity            | 250       | 37.6 ± 13.1%   | mg/L  |
| <b>Metals</b>                             |  |           |                |       |
| Aluminium                                 | A-D-PE-0026-1 Metals ICP-MS              | 200       | 16 ± 13%       | µg/L  |
| Antimony                                  | A-D-PE-0026-1 Metals ICP-MS              | 10        | < 1 ± 13%      | µg/L  |
| Arsenic                                   | A-D-PE-0026-1 Metals ICP-MS              | 10        | < 2 ± 12%      | µg/L  |
| Cadmium                                   | A-D-PE-0026-1 Metals ICP-MS              | 5.0       | < 1 ± 12%      | µg/L  |
| Copper                                    | A-D-PE-0026-1 Metals ICP-MS              | 2         | 0.014 ± 12%    | mg/L  |
| Iron                                      | A-D-PE-0026-1 Metals ICP-MS              | 200       | 12 ± 12%       | µg/L  |
| Lead                                      | A-D-PE-0026-1 Metals ICP-MS              | 10        | < 1 ± 12%      | µg/L  |
| Manganese                                 | A-D-PE-0026-1 Metals ICP-MS              | 50        | 2 ± 12%        | µg/L  |
| Mercury                                   | A-D-PE-0026-1 Metals ICP-MS              | 1         | < 0.20 ± 13%   | µg/L  |
| Nickel                                    | A-D-PE-0026-1 Metals ICP-MS              | 20        | < 2 ± 12%      | µg/L  |
| Total Chrome                              | A-D-PE-0026-1 Metals ICP-MS              | 50        | < 2 ± 12%      | µg/L  |
| Zinc                                      | A-D-PE-0026-1 Metals ICP-MS              |           | 124 ± 12%      | µg/L  |
| <b>Volatile Organic Compounds</b>         |  |           |                |       |
| Styrene                                   | A-BV-PE-0012 P&T-GC-MS                   |           | < 0.5 ± 26.9 % | µg/L  |
| Sum of 5 haloacetic acids                 | BS/108 HALOACETICS HPLC-MS               | 60        | < 10.0 ± 30 %  | µg/L  |
| Bromoacetic acid                          | BS/108 HALOACETICS HPLC-MS               |           | < 5.0 ± 30 %   | µg/L  |
| Chloroacetic acid                         | BS/108 HALOACETICS HPLC-MS               |           | < 10.0 ± 30 %  | µg/L  |

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**GENERAL DATA**  
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| PARAMETERS                          | METHODS                                  | RD 3/2023 | RESULTS        | UNITS         |
|-------------------------------------|--|-----------|----------------|---------------|
| Dibromoacetic acid                  | BS/108 HALOACETICS HPLC-MS               |           | < 5.0 ± 30 %   | µg/L          |
| Dichloroacetic acid                 | BS/108 HALOACETICS HPLC-MS               |           | < 10.0 ± 30 %  | µg/L          |
| Trichloroacetic acid                | BS/108 HALOACETICS HPLC-MS               |           | 9.0 ± 30 %     | µg/L          |
| Tetrachloroethene                   | A-BV-PE-0012 P&T-GC-MS                   |           | < 0.5 ± 27.3 % | µg/L          |
| Trichloroethene                     | A-BV-PE-0012 P&T-GC-MS                   |           | < 0.5 ± 27.8 % | µg/L          |
| <b>Trihalomethanes</b>              |  |           |                |               |
| Sum of Trihalomethanes              | A-BV-PE-0012 P&T-GC-MS                   | 100       | 46.0           | µg/L          |
| Bromodichloromethane                | A-BV-PE-0012 P&T-GC-MS                   |           | 10.8 ± 27.3 %  | µg/L          |
| Bromoform                           | A-BV-PE-0012 P&T-GC-MS                   |           | 12.4 ± 27.4 %  | µg/L          |
| Chloroform                          | A-BV-PE-0012 P&T-GC-MS                   |           | 9.5 ± 26.8 %   | µg/L          |
| Dibromochloromethane                | A-BV-PE-0012 P&T-GC-MS                   |           | 13.3 ± 27.7 %  | µg/L          |
| <b>BTEXs</b>                        |  |           |                |               |
| Benzene                             | A-BV-PE-0015 P&T GC-MS                   | 1         | < 0.2 ± 24%    | µg/L          |
| Ethylbenzene                        | A-BV-PE-0012 P&T-GC-MS                   |           | < 0.5 ± 26.4 % | µg/L          |
| m+p-Xylene                          | A-BV-PE-0012 P&T-GC-MS                   |           | < 1.0 ± 26.5 % | µg/L          |
| o-Xylene                            | A-BV-PE-0012 P&T-GC-MS                   |           | < 0.5 ± 26.8 % | µg/L          |
| Toluene                             | A-BV-PE-0012 P&T-GC-MS                   |           | < 0.5 ± 26.2%  | µg/L          |
| <b>Organonitrogenic pesticides</b>  |  |           |                |               |
| Atrazine                            | A-BS-PE-0049 Direct Injection HPLC-MS-MS | 0.03      | < 0.01 ± 29 %  | µg/L          |
| Simazine                            | A-BS-PE-0049 Direct Injection HPLC-MS-MS | 0.03      | < 0.01 ± 32%   | µg/L          |
| <b>Other pesticides</b>             |  |           |                |               |
| 2,4-D                               | A-BS-PE-0049 Direct Injection HPLC-MS-MS | 0.1       | < 0.03 ± 21%   | µg/L          |
| <b>Treatment and specs. product</b> |  |           |                |               |
| Vinyl chloride                      | A-BV-PE-0063 PyT-GC-MS                   | 0.5       | < 0.1 ± 25.4%  | µg/L          |
| <b>Microbiological Constituents</b> |  |           |                |               |
| <i>Escherichia coli</i>             | UNE-EN ISO 9308-1:2014/A1:2017           | 0         | 0              | c.f.u./100 mL |
| Total coliforms                     | UNE-EN ISO 9308-1:2014/A1:2017           | 0         | 0              | c.f.u./100 mL |

**# INFORMATION SUBMITTED BY THE CLIENT**

**SAMPLING DATE:** 28/04/2023

**OBSERVATIONS**

Microbiology results: from 1-2 ufc is interpreted as organism present and from 3-9 cfu as estimate counts.  
Microbiology results: from 1-2 ufc is interpreted as organism present and from 3-9 cfu as estimate counts..

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The laboratory has the uncertainty of these measurements available to the customer.

Validated in Labaqua Alicante by Technical Expert: Laura Díaz Esplá, Technical Director: Francisco García Andreu.



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|---------------------------|
| <b>GENERAL DATA</b>       |
| <b>REPORT N°: 3572789</b> |

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Issued in ALICANTE, 18 May of 2023

## Analysis report

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| GENERAL DATA  |
|---|
| <b>REPORT Nº:</b> 3572790   |
| <b>ANALYSIS Nº:</b> 7453648   |
| <b>APPLICANT:</b> AMBISALUD CALIDAD AMBIENTAL, S.L  |
| <b>ADDRESS:</b> Paseo de la Castellana 143 Planta 11 AB   |
| <b>TOWN:</b> 28046-Madrid   |
| <b># SAMPLE DENOMINATION:</b> 230227-W03  |
| <b>SAMPLE DESCRIPTION:</b> 250ml amber glass bottle (sodium thiosulfate)(1), 50 mL (Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ) vial(2), 50 mL glass vial (NH <sub>4</sub> Cl)(1), 500 mL sterile plastic (Sodium Thiosulfate)(1), Plastic bottle of 500 mL(1), sterile 15 mL container(1), sterile 15 mL container (HNO <sub>3</sub> )(1), sterile 50 mL container(1), containing drinking water |
| <b>RECEIPT DATE:</b> 29/04/2023   |
| <b>END AND SUBMIT DATE</b> 18/05/2023   |

Analysis performed in LABAQUA. Tests covered by ENAC accreditation nº 109/LE285; C/ Dracma,16-18- Pol. Ind. Las Atalayas 03114 ALICANTE - Tel. +34 965 10 60 70 - Fax +34 965 10 60 80:

Start analysis date 29/04/2023.

| PARAMETERS                                | METHODS                                  | RD 3/2023 | RESULTS        | UNITS |
|---|--|-----------|----------------|-------|
| <b>Organoleptics characters</b>           |  |           |                |       |
| Turbidity                                 | A-A-PE-0032 Multiparametric probe        | 4         | < 0.20 ± 19%   | UNF   |
| <b>Physical and chemical constituents</b> |  |           |                |       |
| * Dissolved solids                        | A-F-PE-0018 Gravimetry                   |           | 247 ± 10%      | mg/L  |
| Free Residual Chlorine                    | A-C-PE-0018 Absorption Spectrophotometry | 1         | < 0.05 ± 17%   | mg/L  |
| Total residual chlorine                   | A-C-PE-0018 Absorption Spectrophotometry |           | 0.10 ± 13%     | mg/L  |
| <b>Majority Cations</b>                   |  |           |                |       |
| Sodium                                    | A-D-PE-0026-1 Metals ICP-MS              | 200       | 38.6 ± 12%     | mg/L  |
| <b>Anions</b>                             |  |           |                |       |
| Chloride                                  | A-BV-PE-0001HPLC-Conductivity            | 250       | 40.1 ± 13.0%   | mg/L  |
| Fluoride                                  | A-BV-PE-0001HPLC-Conductivity            | 1.5       | 0.10 ± 12.9%   | mg/L  |
| Nitrate                                   | A-BV-PE-0001HPLC-Conductivity            | 50        | 2.8 ± 13.1%    | mg/L  |
| Sulfates                                  | A-BV-PE-0001HPLC-Conductivity            | 250       | 38.9 ± 13.1%   | mg/L  |
| <b>Metals</b>                             |  |           |                |       |
| Aluminium                                 | A-D-PE-0026-1 Metals ICP-MS              | 200       | < 2 ± 13%      | µg/L  |
| Antimony                                  | A-D-PE-0026-1 Metals ICP-MS              | 10        | < 1 ± 13%      | µg/L  |
| Arsenic                                   | A-D-PE-0026-1 Metals ICP-MS              | 10        | < 2 ± 12%      | µg/L  |
| Cadmium                                   | A-D-PE-0026-1 Metals ICP-MS              | 5.0       | < 1 ± 12%      | µg/L  |
| Copper                                    | A-D-PE-0026-1 Metals ICP-MS              | 2         | 0.003 ± 12%    | mg/L  |
| Iron                                      | A-D-PE-0026-1 Metals ICP-MS              | 200       | < 10 ± 12%     | µg/L  |
| Lead                                      | A-D-PE-0026-1 Metals ICP-MS              | 10        | < 1 ± 12%      | µg/L  |
| Manganese                                 | A-D-PE-0026-1 Metals ICP-MS              | 50        | < 2 ± 12%      | µg/L  |
| Mercury                                   | A-D-PE-0026-1 Metals ICP-MS              | 1         | < 0.20 ± 13%   | µg/L  |
| Nickel                                    | A-D-PE-0026-1 Metals ICP-MS              | 20        | < 2 ± 12%      | µg/L  |
| Total Chrome                              | A-D-PE-0026-1 Metals ICP-MS              | 50        | < 2 ± 12%      | µg/L  |
| Zinc                                      | A-D-PE-0026-1 Metals ICP-MS              |           | 120 ± 12%      | µg/L  |
| <b>Volatile Organic Compounds</b>         |  |           |                |       |
| Styrene                                   | A-BV-PE-0012 P&T-GC-MS                   |           | < 0.5 ± 26.9 % | µg/L  |
| Sum of 5 haloacetic acids                 | BS/108 HALOACETICS HPLC-MS               | 60        | 18.6 ± 30 %    | µg/L  |
| Bromoacetic acid                          | BS/108 HALOACETICS HPLC-MS               |           | < 5.0 ± 30 %   | µg/L  |
| Chloroacetic acid                         | BS/108 HALOACETICS HPLC-MS               |           | < 10.0 ± 30 %  | µg/L  |

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**GENERAL DATA**  
**REPORT Nº: 3572790**

| PARAMETERS                          | METHODS                                  | RD 3/2023 | RESULTS        | UNITS         |
|-------------------------------------|--|-----------|----------------|---------------|
| Dibromoacetic acid                  | BS/108 HALOACETICS HPLC-MS               |           | < 5.0 ± 30 %   | µg/L          |
| Dichloroacetic acid                 | BS/108 HALOACETICS HPLC-MS               |           | < 10.0 ± 30 %  | µg/L          |
| Trichloroacetic acid                | BS/108 HALOACETICS HPLC-MS               |           | 18.6 ± 30 %    | µg/L          |
| Tetrachloroethene                   | A-BV-PE-0012 P&T-GC-MS                   |           | < 0.5 ± 27.3 % | µg/L          |
| Trichloroethene                     | A-BV-PE-0012 P&T-GC-MS                   |           | < 0.5 ± 27.8 % | µg/L          |
| <b>Trihalomethanes</b>              |  |           |                |               |
| Sum of Trihalomethanes              | A-BV-PE-0012 P&T-GC-MS                   | 100       | 48.4           | µg/L          |
| Bromodichloromethane                | A-BV-PE-0012 P&T-GC-MS                   |           | 12.8 ± 27.3 %  | µg/L          |
| Bromoform                           | A-BV-PE-0012 P&T-GC-MS                   |           | 6.6 ± 27.4 %   | µg/L          |
| Chloroform                          | A-BV-PE-0012 P&T-GC-MS                   |           | 19.4 ± 26.8 %  | µg/L          |
| Dibromochloromethane                | A-BV-PE-0012 P&T-GC-MS                   |           | 9.6 ± 27.7 %   | µg/L          |
| <b>BTEXs</b>                        |  |           |                |               |
| Benzene                             | A-BV-PE-0015 P&T GC-MS                   | 1         | < 0.2 ± 24%    | µg/L          |
| Ethylbenzene                        | A-BV-PE-0012 P&T-GC-MS                   |           | < 0.5 ± 26.4 % | µg/L          |
| m+p-Xylene                          | A-BV-PE-0012 P&T-GC-MS                   |           | < 1.0 ± 26.5 % | µg/L          |
| o-Xylene                            | A-BV-PE-0012 P&T-GC-MS                   |           | < 0.5 ± 26.8 % | µg/L          |
| Toluene                             | A-BV-PE-0012 P&T-GC-MS                   |           | < 0.5 ± 26.2 % | µg/L          |
| <b>Organonitrogenic pesticides</b>  |  |           |                |               |
| Atrazine                            | A-BS-PE-0049 Direct Injection HPLC-MS-MS | 0.03      | < 0.01 ± 29 %  | µg/L          |
| Simazine                            | A-BS-PE-0049 Direct Injection HPLC-MS-MS | 0.03      | < 0.01 ± 32%   | µg/L          |
| <b>Other pesticides</b>             |  |           |                |               |
| 2,4-D                               | A-BS-PE-0049 Direct Injection HPLC-MS-MS | 0.1       | < 0.03 ± 21%   | µg/L          |
| <b>Treatment and specs. product</b> |  |           |                |               |
| Vinyl chloride                      | A-BV-PE-0063 PyT-GC-MS                   | 0.5       | < 0.1 ± 25.4%  | µg/L          |
| <b>Microbiological Constituents</b> |  |           |                |               |
| <i>Escherichia coli</i>             | UNE-EN ISO 9308-1:2014/A1:2017           | 0         | 0              | c.f.u./100 mL |
| Total coliforms                     | UNE-EN ISO 9308-1:2014/A1:2017           | 0         | 0              | c.f.u./100 mL |

**# INFORMATION SUBMITTED BY THE CLIENT**

**SAMPLING DATE:** 28/04/2023

**OBSERVATIONS**

Microbiology results: from 1-2 ufc is interpreted as organism present and from 3-9 cfu as estimate counts.  
Microbiology results: from 1-2 ufc is interpreted as organism present and from 3-9 cfu as estimate counts..

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The laboratory has the uncertainty of these measurements available to the customer.

Validated in Labaqua Alicante by Technical Expert: Laura Díaz Esplá, Technical Director: Francisco García Andreu.



**GENERAL DATA**

**REPORT N°:** 3572790

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Issued in ALICANTE, 18 May of 2023