

INVESTIGATION REPORT

Customer: Eurofins Scitec SA

1007 Lausanne, Av. de Provence 18

**Project: Microplastic analysis on drinking water
(2025/K/11558)**

Report no.: 1011988/1

Testing laboratory is accredited under regulation H/2020/122
Tests marked „Not accredited by NAH” are outside the scope of our laboratory’s accreditation.

Beginning analysis 2025-01-15
End analysis 2025-01-15

The laboratory is not responsible for information provided by the customer.
In the case of samples not taken by the laboratory, results refer only to the samples delivered to the laboratory.
Decision rule of the measurement uncertainty is not taken into consideration (in accordance with ILAC G2000-2000 section 2.1).
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Certificate validity check.

Project
Microplastic analysis on
drinking water
(2025/K/11558)

Report no.
1011988/1
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Summary of samples

Shipped by: Courier Received in laboratory: 2025/08/07 13:00 Order number: 2025/029663

| Sample ID | Date of sampling | Sample type | Sample ID in the laboratory | Quantity | Type of sample holder | Preservation | Accreditation of sampling | Sampling organization | Comment |
|--------------|------------------|----------------|-----------------------------|----------------------|-----------------------|--------------|---------------------------|-----------------------|-----------------|
| P25-4153.001 | 2025/07/22 | Drinking water | 0005666643 | 1500 cm ³ | Original packaging | Cooling | Not accredited | Customer's client | Haja Spring |
| P25-4153.001 | 2025/07/22 | Drinking water | 0005666644 | 1500 cm ³ | Original packaging | Cooling | Not accredited | Customer's client | Haja Spring |
| P25-4153.002 | 2025/07/24 | Drinking water | 0005666645 | 1000 cm ³ | Original packaging | Cooling | Not accredited | Customer's client | Bajenaru Spring |
| P25-4153.002 | 2025/07/24 | Drinking water | 0005666646 | 1000 cm ³ | Original packaging | Cooling | Not accredited | Customer's client | Bajenaru Spring |
| P25-4153.003 | 2025/07/22 | Drinking water | 0005666647 | 500 cm ³ | Original packaging | Cooling | Not accredited | Customer's client | F2 Paltinis |
| P25-4153.003 | 2025/07/22 | Drinking water | 0005666648 | 500 cm ³ | Original packaging | Cooling | Not accredited | Customer's client | F2 Paltinis |
| P25-4153.003 | 2025/07/22 | Drinking water | 0005666649 | 500 cm ³ | Original packaging | Cooling | Not accredited | Customer's client | F2 Paltinis |
| P25-4153.003 | 2025/07/22 | Drinking water | 0005666650 | 500 cm ³ | Original packaging | Cooling | Not accredited | Customer's client | F2 Paltinis |

Number of microplastics identified by FTIR imaging [10-1000 µm]

ISO DIS 22222

P25-4153.001 (Haja Spring)

Analysed sample amount

| Parameter | Unit | [10-50] µm | [50-100] µm | [100-300] µm | [300-1000] µm | Sum [10-1000] µm |
|--------------------------------|-----------|------------|-------------|--------------|---------------|------------------|
| Polyethylene (a) | particles | nd | nd | nd | nd | nd |
| Polypropylene (a) | particles | nd | nd | nd | nd | nd |
| Polyethylene terephthalate (a) | particles | nd | nd | nd | nd | nd |
| Polyamide (a) | particles | nd | nd | nd | nd | nd |
| Poly(ethylene carbonate) (a) | particles | nd | nd | nd | nd | nd |
| Poly(ethylene oxide) (a) | particles | nd | nd | nd | nd | nd |
| Polyurethane (a) | particles | nd | nd | nd | nd | nd |
| Polystyrene (a) | particles | nd | nd | nd | nd | nd |
| Polycarbonate (a) | particles | nd | nd | nd | nd | nd |
| Polyacetalid | particles | nd | nd | nd | nd | nd |
| Polyethylene | particles | nd | nd | nd | nd | nd |
| Substances | particles | nd | nd | nd | nd | nd |

nothing detected

RL particles sample in case amount analysed sample particles

Equipment used for the analysis Bruker LOMOS II FTIR spectrometer

(a) Priority parameter based on the 2022 Delegated Directive (EU) 2022/2000 supplementing Directive (EU) 2022/2000

Number of microplastics identified by FTIR imaging [10-1000 µm]

ISDIS 00002200

P25-4153.002 (Bajenaru Spring)

analysed sample amount

| Parameter | unit | [10-50] µm | [50-100] µm | [100-300] µm | [300-1000] µm | Sum [10-1000] µm |
|--------------------------------|-----------|------------|-------------|--------------|---------------|------------------|
| Polyethylene (a) | particles | nd | nd | nd | nd | nd |
| Polypropylene (a) | particles | nd | nd | nd | nd | nd |
| Polyethylene terephthalate (a) | particles | nd | nd | nd | nd | nd |
| Polyamide (a) | particles | nd | nd | nd | nd | nd |
| Poly(ethylene carbonate) (a) | particles | nd | nd | nd | nd | nd |
| Poly(ethylene oxide) (a) | particles | nd | nd | nd | nd | nd |
| Polyurethane (a) | particles | nd | nd | nd | nd | nd |
| Polystyrene (a) | particles | nd | nd | nd | nd | nd |
| Polycarbonate (a) | particles | nd | nd | nd | nd | nd |
| Polyacetaldehyde | particles | nd | nd | nd | nd | nd |
| Polyethylene | particles | nd | nd | nd | nd | nd |
| Substances | particles | nd | nd | nd | nd | |

none detected

RL particles sample in case of analysed sample particles

Equipment used for the analysis: Bruker LOMOS II FTIR spectrometer

(a) Priority parameter based on the 2015 Commission Delegated Directive (EU) 2022/1676 supplementing Directive (EU) 2022/1676

Number of microplastics identified by FTIR imaging [10-1000 µm]

ISO DIS 22222

P25-4153.003 (F2 Paltinis)

Analysed sample amount

| Parameter | Unit | [10-50] µm | [50-100] µm | [100-300] µm | [300-1000] µm | Sum [10-1000] µm |
|--------------------------------|-----------|------------|-------------|--------------|---------------|------------------|
| Polyethylene (a) | particles | nd | nd | nd | nd | nd |
| Polypropylene (a) | particles | nd | nd | nd | nd | nd |
| Polyethylene terephthalate (a) | particles | nd | nd | nd | nd | nd |
| Polyamide (a) | particles | nd | nd | nd | nd | nd |
| Poly(ethylene carbonate) (a) | particles | nd | nd | nd | nd | nd |
| Poly(ethylene oxide) (a) | particles | nd | nd | nd | nd | nd |
| Polyurethane (a) | particles | nd | nd | nd | nd | nd |
| Polystyrene (a) | particles | nd | nd | nd | nd | nd |
| Polycarbonate (a) | particles | nd | nd | nd | nd | nd |
| Polyacetalid | particles | nd | nd | nd | nd | nd |
| Polyethylene | particles | nd | nd | nd | nd | nd |
| Substances | particles | nd | nd | nd | nd | |

nothing detected

RL particles sample in case of analysed sample particles

Equipment used for the analysis: Bruker LOMOS II FTIR spectrometer

(a) Priority parameter based on the 2022 Commission Delegated Directive (EU) 2022/2000 supplementing Directive (EU) 2022/2000

Measurement uncertainties associated with the analyses are available at <https://www.eurofins.hu/en/environment-testing/uncertainty>

2022

Barbara Tamás
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