

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
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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
Polyacetaldehyde	particles	nd	nd	nd	nd	nd
Polyethylene	particles	nd	nd	nd	nd	nd
Substances	particles	nd	nd	nd	nd	nd

no particles 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]

ISIRI DIS 000002/2020

P25-4153.002 (Bajenaru Spring)

Analized 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	

nd: not detected

RL: particles sample in case of analyzed sample particles

Equipment used for the analysis: Bruker LOMOS II FTIR spectrometer

(a) Priority parameter based on the 2018 Commission Delegated Directive (EU) 2018/853 supplementing Directive (EU) 2012/18

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 terephthalate) (a)	particles	nd	nd	nd	nd	nd
Poly(vinyl chloride) (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	

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 2002 Commission Delegated Directive (EU) 2022/2222 supplementing Directive (EU) 2022/2222

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

2022

Barbara Tamás
Laboratory senior engineer

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