Test report ID XXXXX

Customer Example Company

Assignment Measurlabs provided analysis of microplastics in water via pyrolysis-GC/MS as requested by the customer.

Sample(s) Sampling was performed by the customer.

Sample name	Matrix	Performed measurements
Sample 1	wastewater	• Microplastics with py-GC/MS, typical wastewater samples
Sample 2	wastewater	• Microplastics with py-GC/MS, typical wastewater samples

Samples received dd/mm/yyyy

Results The results presented on the next page(s) relate to the tested sample(s) only.

On XXXXX, issued by

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Test results - Microplastics in water with Pyrolysis-GC/MS

Methods

Microplastics in water samples were analyzed with pyrolysis-GC/MS. Testing was performed by an ISO/IEC 17025 accredited external service provider.

Results

Sample 1

The analysis included 10 µm – 1000 µm microplastic particles. The used sample volume for filtration was 1000 mL. The results for Sample 1 are presented in the table below.

Table 1: Microplastics in Sample 1

Polymer	Results (µg/L)	LOQ (µg/L)
Polyethylene (PE)	0.5	0.2
Polypropylene (PP)	1.5	0.4
Polystyrene (PS)	< 0.1	0.1
Acrylonitrile butadiene styrene (ABS)	< 0.2	0.2
Polymethyl methacrylate (PMMA)	< 0.2	0.2
Polycarbonate (PC)	< 1.0	1
Polyvinyl chloride (PVC)	< 3.0	3
Polyethylene terephthalate (PET)	0.7	0.2
Polyamide 6 (PA6)	< 0.1	0.1
Polyamide-6,6, (PA66)	< 1.0	1
Sum of quantified polymers	2.7	-

Sample 2
The analysis included 10 µm — 1000 µm microplastic particles. The used sample volume for filtration was 1000 mL. The results for Sample 2 are presented in the table below.

Table 1: Microplastics in Sample 2

Polymer	Results (µg/L)	LOQ (µg/L)
Polyethylene (PE)	< 1.0	1
Polypropylene (PP)	1.3	0.5
Polystyrene (PS)	1.7	1.0
Acrylonitrile butadiene styrene (ABS)	< 0.2	0.2
Polymethyl methacrylate (PMMA)	< 0.2	0.2
Polycarbonate (PC)	< 1.0	1
Polyvinyl chloride (PVC)	< 3.0	3
Polyethylene terephthalate (PET)	0.9	0.3
Polyamide 6 (PA6)	< 0.1	0.1
Polyamide-6,6, (PA66)	< 3.0	3
Sum of quantified polymers	3.9	-

End of the test report