



MIQALAB

Pricing structure Microplastic Analysis

Available options for:

- Liquid, aqueous samples
- Solid, water-soluble samples
- Solid, water-insoluble samples

Document information:

Version: Pricing 1.0

Date: 12.08.2026

Liquid, aqueous samples

Filter Cut-Off		
Description	Particle size/ µm	Base price (BP) /€
Steel sieve filtration	>10 µm	500€
Steel sieve filtration	>20 µm	400€
Steel sieve filtration	>50 µm	400€
No cut-off filtration	N/R	400€

Information:
Particle size cut-off filtration using a validated stainless steel filtration system, including direct transfer to a gold- or aluminum-coated analytical membrane and spectroscopic analysis down to the selected particle size limit.

Sample-dependent surcharges		
Description	Option	Surcharge/€
Sample volume	>10 L	BP + 30€
Pre-filtration cut-off	<500 µm	BP + 40€
Dual filter analysis	Filter split	BP + 200€

Information:
Some samples require additional preparation due to their mass, complexity, or composition. These services are charged separately to ensure a transparent and fair pricing structure.

Sample preparation options	
Description	Surcharge/€
HCl (10 %) digestion	BP + 40€
NaOH (10 %) digestion	BP + 40€
H ₂ O ₂ (25%) digestion	BP + 50€
Fenton-reagens digestion	BP + 60€
Density separation (saturated ZnCl ₂)	BP + 100€

Information:
Additional sample preparation modules are applied only when required by the sample matrix. These include chemical or enzymatic digestion, density separation, solvent-based preparation, and other matrix-specific purification steps to ensure efficient particle recovery and reliable analytical results. Depending on the sample characteristics, individual preparation steps can be repeated or combined as needed, providing a fully flexible and matrix-specific sample preparation workflow.

Custom Sample Preparation:
If your sample requires a preparation workflow that is not part of our standard portfolio, we are happy to develop and optimize a customized solution. Our team can evaluate and validate new sample preparation strategies tailored to your specific matrix and analytical requirements. Where appropriate, these workflows can be validated using all 10 priority polymers to assess recovery and method performance. If you have a specific application or would like to discuss a custom analytical workflow, please feel free to contact us at office@miqa-lab.com

Solid, water-soluble samples

Filter Cut-Off		
Description	Particle size/ µm	Base price (BP) /€
Steel sieve filtration	>10 µm	550€
Steel sieve filtration	>20 µm	450€
Steel sieve filtration	>50 µm	450€
No cut-off filtration	N/R	450€

Information:
Includes sample weighing, dissolution of solid water-soluble samples in 0.22 µm filtered water, particle size cut-off filtration using our validated stainless steel filtration system, and direct transfer onto a gold- or aluminum-coated analytical membrane for spectroscopic analysis down to the selected particle size limit.

Sample-dependent surcharges		
Description	Option	Surcharge/€
Sample amount	>100 g	BP + 30€
Pre-filtration cut-off	<500 µm	BP + 40€
Dual filter analysis	Filter split	BP + 200€

Information:
Some samples require additional preparation due to their mass, complexity, or composition. These services are charged separately to ensure a transparent and fair pricing structure.

Sample preparation options	
Description	Surcharge/€
HCl (10 %) digestion	BP + 40€
NaOH (10 %) digestion	BP + 40€
H ₂ O ₂ (25%) digestion	BP + 50€
Fenton-reagens digestion	BP + 60€
Density separation (saturated ZnCl ₂)	BP + 100€

Information:
Additional sample preparation modules are applied only when required by the sample matrix. These include chemical or enzymatic digestion, density separation, solvent-based preparation, and other matrix-specific purification steps to ensure efficient particle recovery and reliable analytical results. Depending on the sample characteristics, individual preparation steps can be repeated or combined as needed, providing a fully flexible and matrix-specific sample preparation workflow.

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Solid, water-insoluble samples

Filter Cut-Off		
Description	Particle size/ µm	Base price (BP) /€
Steel sieve filtration	>10 µm	600€
Steel sieve filtration	>20 µm	550€
Steel sieve filtration	>50 µm	550€
No cut-off filtration	N/R	550€

Information:
Includes sample weighing, dispersion of solid samples in a suitable solvent, validated stainless steel cut-off filtration, direct transfer onto a gold- or aluminum-coated analytical membrane, and spectroscopic analysis down to the selected particle size limit. The solvent is selected individually to ensure sample compatibility and prevent alteration of the microplastic particles.

Sample-dependent surcharges		
Description	Option	Surcharge/€
Sample amount	>100 g	BP + 30€
Pre-filtration cut-off	<500 µm	BP + 40€
Dual filter analysis	Filter split	BP + 200€
Solubility check	Solvent testing	BP + 50€

Information:
Some samples require additional preparation due to their mass, complexity, or composition. These services are charged separately to ensure a transparent and fair pricing structure.

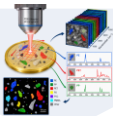
Sample preparation options	
Description	Surcharge/€
HCl (10 %) digestion	BP + 40€
NaOH (10 %) digestion	BP + 40€
H ₂ O ₂ (25%) digestion	BP + 50€
Fenton-reagens digestion	BP + 60€
Density separation (saturated ZnCl ₂)	BP + 100€

Information:
Additional sample preparation modules are applied only when required by the sample matrix. These include chemical or enzymatic digestion, density separation, solvent-based preparation, and other matrix-specific purification steps to ensure efficient particle recovery and reliable analytical results. Depending on the sample characteristics, individual preparation steps can be repeated or combined as needed, providing a fully flexible and matrix-specific sample preparation workflow.

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Exemplary testing scheme



		Sample preparation step	Pricing
1.		- Sample weighing - Sample dissolution (filtered water 0.22 µm)	Base price: 550 €
2.		- Cut-Off filtration 10 µm (stainless steel sieve)	No surcharge
3.		- Backflushing and sample transfer - HCl digestion (10 %) for removal of CaCO₃ - Limitations: N/A	HCl digestion: +40 €
4.		- Cut-Off filtration 10 µm (stainless steel sieve)	No surcharge
5.		- Density separation - Using ZnCl₂ for removal of inorganic particle load - Limitations: N/A	Density separation: +100 €
6.		- Cut-Off filtration 10 µm - Transfer onto detectable membrane (gold-coated)	No surcharge
7.		- Measurement - Data analysis and manual spectral inspection - Data reporting	Base price: 550 € HCl digestion: +40 € Density separation: +100 € Sum: 690 €