



MICROPLASTIC
solution®



ExactMP™



EasyMP™



Thank you for choosing the **Microplastic Solution ISO 16094-2:2025 & EU 2020/2184 Kit** for your analytical needs. This kit has been specifically developed to support the QA/QC requirements outlined in ISO 16094-2:2025 and EU 2020/2184.



The kit contains



EasyMP™



EasyMP™

10-, 15-, or 20-polymer mixture

Our EasyMP™ 10-, 15-, or 20-polymer mixtures contain microplastic fragments with a nominal area-equivalent diameter range of 10–100 µm, enabling demonstration of spectral acquisition and matching capabilities across a broad range of polymer types, including the 10 priority polymers defined in the EU 2020/2184 methodology. These materials can support instrument verification and analyst training workflows.



ExactMP™



ExactMP™

Buoyancy kits

The two included ExactMP™ Base Kits contain low- and high-density microplastic fragments; polypropylene (PP; 0.96 g/cm³) and polyethylene terephthalate (PET; 1.35 g/cm³); covering the recommended validation size ranges. Each kit contains four samples; supporting the three replicate measurements required by ISO 16094-2:2025 plus one reserve sample. The strongly pigmented particles enable rapid visual identification and facilitate recovery verification while helping distinguish spike particles from indigenous or contaminant microplastics.

Quick-start / intended use

1. Use EasyMP™ mixtures to verify spectral acquisition and polymer matching performance.
2. Place the ExactMP™ buoyancy kit in water to release the embedded microplastic fragments.
3. Process the released particles through your analytical workflow for recovery verification.
4. Document and compare QA/QC outcomes according to your laboratory protocol.

Storage conditions

Store the liquid EasyMP™ dispersion sample at 4–8 °C and protect it from direct sunlight. Store the dry pullulan film-based ExactMP™ samples in a dry environment at room temperature.

Traceability

Certificate of Analysis (CoA) and batch-specific documentation are available via QR codes printed directly on the individual samples.

Safety / handling

Contains ethanol (95 vol.%). Handle according to laboratory safety procedures.

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We know microplastics