

Guidelines for Analytical Laboratory Sample Submission

SAMPLE QUANTITY

Liquid Samples:

Sample volume required depends on the particle size range. In most cases, these are the required volumes based on particle size range:

Approximate Particle Size Range	Volume Required
Sub-micron	≥ 1 mL
1-25 μm	≥ 2 mL
25-75 μm	≥ 5 mL
75-200 μm	≥ 10 mL
200+ μm	≥ 20 mL

For very concentrated samples and/or samples that require dilution, the volume required will decrease.

Solid Samples:

Please provide ≥ 2 g of your sample material for analysis.

Diluents:

If supplying your own diluent, please ship 25-50 mL with your samples.

SAMPLE PACKAGING

1. Completely fill sample vials to minimize damage caused by agitation during shipping.
2. Make sure your sample container is tightly sealed, especially if it contains hazardous chemicals (use parafilm around the edges of the seal to help prevent leakage).
3. If your sample contains hazardous chemicals, please include a copy of the SDS in the packaging.
4. If you ship your samples in glass vials, place them in resealable plastic bags, padding each vial separately to avoid breakage.
5. Use an ice pack and small styrofoam cooler to keep temperature-sensitive or unpreserved aquatic samples cold.

SAMPLE SHIPMENT

Ship samples to:

Yokogawa Fluid Imaging Technologies
 Attn: Laboratory
 200 Enterprise Drive
 Scarborough, Maine 04074
 207-289-3200

Notify laboratory@fluidimaging.com that samples have shipped and provide tracking information.

Note: If your samples are time- or temperature-sensitive (drug products, unpreserved water samples), please contact the laboratory prior to shipment to make sure an analyst will be available upon arrival. We request that you ship these samples overnight on a Monday or Tuesday so that they arrive on a Tuesday or Wednesday. Our coldest on-site storage option is -20 °C.

If you have any specific questions about preparing your sample submission, please contact laboratory@fluidimaging.com.