

Sample Collection Instructions: Synthetic Organic Compounds (New Hampshire)

Please read instructions prior to collecting sample(s).

Caution: *Wear gloves when collecting sample(s).*

1. Do NOT disinfect the sample tap with chlorine before taking this sample.
2. Flush the system for 4-5 minutes or until the temperature has stabilized, whichever is longer.
3. Fill all 40 and 60 ml VOA vials with NO headspace or air bubbles.
4. For Method **525 only**, Sodium Sulfite powder is already in the bottle. Please fill the bottle half way with sample. Carefully “swirl” until the powder is completely dissolved, then add one vial of HCL* to each container (two in total). Fill remaining container to the threads of the screw cap, cap and shake the bottles.
5. For Method **549 only**, Sodium thiosulfate powder is already in the bottle. Please fill the bottle half way with sample. Carefully “swirl” until the powder is completely dissolved, then add H2SO4 to the container. Add additional sample to fill the container to the threads, cap and shake.
6. Cool sample with ice to < 4° C and return to the lab as soon as possible.

** Please use caution, HCl and H2SO4 preservatives are corrosive.*

Container Order Includes:

<u>#/Set</u>	<u>Container</u>	<u>Preservative**</u>	<u>Parameter</u>
(2)	40 ml VOA Vial	Sodium Thiosulfate	504/505
(2)	60 ml Amber VOA	Sodium Sulfite	515.4
(2)	1 L. Amber Glass	Sodium Sulfite	525.2 (see instruction #4)
(2)	40 ml Amber VOA	Potassium Dihydrogen	531.2
(2)	40 ml Clear VOA	Sodium Thiosulfate	547
(1)	1 L. Amber Plastic	Sodium Thiosulfate	549 (See Instruction #5)

**Please make sure the preservative is dissolved prior to submitting samples.

If you have any questions, please call us at 1-800-287-0525.