



Instructions for Catalog # 481
Massachusetts VPH in Water
Revision 112211

Description:

- This standard is packaged in a 2 mL flame-sealed ampule containing approximately 2 mL of standard concentrate.
- This concentrate is not preserved.
- The solvent for this concentrate is Methanol.
- The concentrate should be stored at $4\pm 2^{\circ}\text{C}$.
- The diluted standard will contain all or a subset of the analytes listed in the ranges specified on the data reporting form.

Before you begin:

- This standard has been prepared as a concentrate and must be diluted prior to analysis.
- This standard is not compliant with the NELAC concentration ranges for the volatile aromatics and MTBE in this sample. If you require a NELAC-compliant sample for volatile aromatics and MTBE, you must use Volatiles (# 830).
- As the diluted standard is not stable, it must be analyzed **immediately** after the concentrate is diluted.

Instructions:

Purge and Trap analysis:

1. Add 100 mL of organic free, deionized water to a clean 100 mL class A volumetric flask.
2. Carefully snap the top off of the Massachusetts VPH in Water ampule.
3. Using a 100 μL syringe, transfer 100 μL of the concentrate below the surface of the water in the flask.
4. Cap the flask and mix by inverting two or three times.
5. Immediately analyze the diluted standard per your normal procedure.
6. Report your results as $\mu\text{g/L}$ for the diluted sample.

Safety:

ERA products may be hazardous and are intended for use by professional laboratory personnel trained in the competent handling of such materials. Responsibility for the safe use of these products rests entirely with the buyer and/or user. Material Safety Data Sheets (MSDS) for all ERA products are available by calling 1-800-372-0122.