

EPA Method 5035

Field Preservation Kit

sample smart



Collecting soil samples for volatile organic compounds can become very expensive and cumbersome. The **o2si 5035 sample smart** kit provides significant cost savings. How? The **o2si sample smart** kit saves time and money by reducing collection times and increasing holding times. For example, **o2si's 5035 sample smart** kit provides holding times up to 14 days. This simplifies work schedules and shipping requirements. Unlike other soil sampling kits, the need to weigh methanol in the field is eliminated through the introduction of methanol provided in a uniquely sealed Teflon[®] tube. Finally, the design of the **o2si 5035 sample smart** kit requires only one label for each kit, thereby reducing collection time.

Provide Significant Cost Savings

- Meets CLP Sample Collecting Guidelines Options 1 and 2
- Meets EPA Method 5035 Sampling Requirements
- Eliminates Field Weighing
- Decreases Collection Time
- Increases Productivity in the Field and Laboratory
- Increases Holding Times
- Eliminates Multiple Labeling
- Reduces Laboratory Prep Cost

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Field Preservation Kit

Historically, the disadvantages of field preservation has been handling the vials, field weighing the methanol vial, methanol loss, and packaging the vials for shipping. The **o2si** 5035 **samplesmart** kit overcomes these problems!

Each Kit Contains:

- Disposable syringe sampling device, two pre-weighed low-level vials, one pre-weighed high-level vial, and an evaporative loss vial.
- Methanol preservative in a sealed Teflon® tube.
 - Eliminates the need for field weighing.
 - No chance for methanol loss prior to sampling.
 - Methanol can be supplied with surrogates to provide the most rigorous surrogate criteria.
 - Weight of methanol already added to methanol vial weight.
- Plastic rack which allows access to vials without having to remove them. The weatherproof rack holds the vials upright and allows all the lids to be easily removed and easily filled.
- Bar coded label with a unique number with corresponding numbers on each vial. A pull tab allows the bar code to be put on the chain-of-custody form.
 - Complete only one label for each kit instead of labeling each container.
- Sampling instructions printed on each kit.

Confidence Factor:

- All 5035 **samplesmart** kits include certified pre-cleaned vials that are reanalyzed by EPA Method 5035 heated-purge specifications following preservation to ensure cleanliness. A certificate of analysis is available upon request.
- Methanol is purge-and-trap grade that has been analyzed after packaging the tubes.
- All vials are tared with a calibrated balance checked against NIST traceable weights each day before use.
- Plastic rack provides excellent protection against breakage during shipping.