



Sampling for BTEX and TPH or Volatile Organic Compounds in Soil

Key Features of Methanol Field Stabilization

- Sample is preserved directly in the field
- Volatilization and degradation is minimized
- Hold time is extended from the traditional 7 days to 40 days

Procedure

1. Confirm the methanol level is at the 10 mL mark.
2. Use the Terra Core® sampler to take a core soil sample that is approximately 5 g in weight. With the plunger seated in the handle, push the Terra Core® into the freshly exposed soil.
3. Open methanol vial and use the plunger to release soil into the vial. Only fill the plunger once per vial.
4. Soil and debris should be cleaned from the vial threads. Tighten the cap to avoid leakage.
5. Reusing the same plunger, repeat steps 2 to 4 to sample into the second vial.
6. Using the bubble wrap bag supplied, insert the 2 sample vials upright into the bag to prevent methanol loss. Place the bag in the cooler at 4°C. Do not place any labels on the vial, only label the bag.
7. Fill the 125-mL glass jar to test for moisture analysis and TPH. Ensure the jar is void of headspace and place in the cooler at 4°C.
8. Complete the sampling information on the sample bag and on the chain of custody.

Your VOC in Soil Kit includes:

- 2 pre-preserved, pre-weighed methanol vials
- 1 Terra Core® sampler
- 1 x 125 mL glass jar for moisture analysis and F2-F4



Reliable Service

- Fast turnaround time
- Direct contact with experts and lab supervisors
- Convenient online results portal

Added Value

- No extra costs for sample containers or kits
- No extra costs for sample handling, storage and disposal

Quality at Every Stage

- Technical experts with many years of experience
- Comprehensive quality control and quality assurance program
- CALA accredited procedures that conform to ISO/IEC 17025