

UKAS Accreditation granted for the Determination of Organic Compounds in Air

ALS Laboratories are proud to announce that our popular analysis from Silonite® coated canisters based on USEPA TO-15 is now ISO17025 (UKAS) accredited.

The use of Silonite® coated canisters opens up a range of sampling options for gas sampling. The versatility of Silonite® coated canisters allows a broad range of sampling options, including: soil gas, sub-slab monitoring and ambient air monitoring with Time Weighted Averages (TWA's).

- The advantages of Silonite® coated canisters compared to traditional sampling media are:
- Simplicity of use on site
- No sampling pumps are required and no need to record time of sampling
- A whole gas sample is captured, meaning there is no need to choose the correct sample media before going to site
- Multiple and repeat analyses can be undertaken from a single canister sample as only a portion is used at a time in the laboratory
- Canisters have a fused silica lining called Silonite®, which provides an extremely inert receiving vessel to collect gas samples
- The Silonite® coating aids sampling of more reactive compounds which are difficult to capture on other media
- Holding times for canister samples are 28 days – far in excess of other whole gas methods

Analyses available includes:

- **VOCs** Trace gases target list (based on USEPA TO-15) with or without Tentatively Identified Compounds (TICs)
- **TPH** Aliphatic split (>C4-C6, >C6-C8, >C8-C10, >C10-C12) and Aromatic split (>C6-C8, >C8-C10, >C10-C12)
- **Bulk Gases Screen** (Hydrogen, Oxygen, Nitrogen, Carbon monoxide, Methane, & Carbon dioxide)
- **Helium** available as confirmation of sample integrity when helium has been used on site as a tracer. Helium is available as additional analysis when ordering TPH and/or VOC

