

ORGANIC ANALYSIS

LABORATORY TESTING FOR ORGANIC PARAMETERS

Organic compounds contain carbon. They are also classified as natural compounds and synthetic compounds. Natural compounds refer to those compounds that are produced by animals and plants and synthetic compounds are created by a reaction of other compounds including carbon.

At SGS, we offer a variety of tests for organic compounds. We can conduct testing on:

- soil
- sediment
- water
- oil
- biosolids
- sludge
- compost
- waste
- solids.

SGS uses an advanced suite of equipment such as gas chromatography (GC) [GC-electron capture detector (ECD), GC-flame ionization detector (FID), GC-mass spectrometry (MS), MS/MS], ion chromatography and classical chemical techniques. This variety of equipment permits us to meet your request promptly through a fit-for-purpose test program design.

TESTING PARAMETERS

SGS' organic compound testing portfolio is extensive. For instance, we analyse:

- Hydrocarbons
- Polycyclic aromatic hydrocarbons (PAH)
- Pesticides
- Volatile organic compounds (VOC)
- PCB
- Methane
- Geosmin and methyl isoborneol (MIB)
- Trihalomethane (THM)
- N-Nitrosodimethylamine (NDMA)

SERVICE AVAILABLE AT SGS

There are several services offered at SGS that incorporate organic testing. These packages include:

- Non-Agricultural Source Materials (NASM)/compost analysis
- Contaminated land analysis
- Baseline studies
- Ballast water analysis
- Water quality analysis
- Sanitary water, storm water and combined sewage discharge testing
- Waste analysis

OTHER SERVICES AVAILABLE

SGS also offers a complete range of inorganic and physical testing. We provide solutions that exceed your expectations.



Our facilities operate under internationally recognized quality standards and quality systems. Choose SGS for your laboratory testing so you can gain the freedom to focus on your core business.

CONTACT INFORMATION

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WHEN YOU NEED TO BE SURE

SGS