



## TerrAttesT®



TerrAttesT® offers a complete soil research formula, giving Eurofins Environment Testing clients the possibility of issuing well-founded statements concerning the nature and degree of environmental contamination in soil and groundwater samples. Eurofins Environment Testing research laboratory uses the most advanced analytical techniques for the direct quantitative measurement of over 200 chemical compounds for TerrAttesT®. Additional testing due to the results of screening parameters is therefore no longer required. A crucial aspect of TerrAttesT® is the innovative logistical system which allows the client to save a considerable amount of time. When TerrAttesT® soil jars and/or water kits are sent, they will automatically be analyzed for the TerrAttesT®. The analytical results are presented efficiently and quality is assured.

### TerrAttesT® The Professional Approach

As a professional supplier of soil surveys you deserve a professional solution, ensuring a technically, logistically and commercially interesting research process.

Eurofins Environment Testing, worldwide leading environmental laboratory, offers with TerrAttesT® a product for soil analysis with which your survey will undoubtedly gain extra ground.

The TerrAttesT® approach offers you the high quality and efficient working method needed in order to adhere to the stringently standardized research methods, and process the wide-ranging data in compliance with

existing laws and regulations. TerrAttesT® - the integral soil analysis - provides the outstanding method for all your soil survey projects!

### TerrAttesT® Includes over 200 compounds

- Characterization parameters
- Metals
- Aromatic compounds
- Phenols
- PAH
- Volatile halogenated hydrocarbons
- Chlorobenzenes
- Chlorophenols
- PCB
- Other chlorohydrocarbons
- Pesticides, herbicides and fungicides
- TPH

### Your Soil Survey Will Gain Extra Ground

#### TerrAttesT® DYNAMIC RANGE

TerrAttesT® follows up on demands and requests expressed by the market. A new version number, resulting from an update of the analytical range, is a clear-cut statement of the dynamic approach towards product development. The essential characteristics of any new version are specified in the TerrAttesT® spectrum sheet.

#### TerrAttesT® HIGH QUALITY

Quality is one of the most important pillars of our company. This philosophy is encouraged amongst our staff in order to ensure optimal



results for our customers. The determinations in TerrAttesT® are all ISO/IEC 17025 accredited by the Dutch Accreditation Council (RvA).

Through the ILAC Mutual Recognition Arrangement (MRA), accreditation bodies in most countries accept our accreditations. E.g. Belgium, Brazil, Denmark, Finland, France, Italy, Norway, Poland, Portugal, Romania, Spain, Sweden, Tunisia, Turkey and more.



## **TerrAttesT®** **SOLID PERFORMANCE**

TerrAttesT® stands for a very solid approach. The use of e.g. Triple quads technology guarantees very specific detection. The high frequency with which Eurofins Environment Testing performs the analysis ensures consistent, verified quality. Furthermore, the performance characteristics of TerrAttesT® are well documented in the TerrAttesT® product information sheet.

## **TerrAttesT®** **CLEAR-CUT REPORTING**

The TerrAttesT® analytical report only states clearly identified infringements on accepted pollution levels (i.e. the measurement reporting limit). This saves the environmental consultant a lot of superfluous data. The analytical report constitutes the basis for his advice, because it can be easily incorporated into his overall survey report.

## **TerrAttesT®** **NORMATIVE REFERENCE**

TerrAttesT® complies with many official laws and regulations; Eurofins Environment Testing analyses every single soil and groundwater sample for all relevant compounds mentioned in the common used European laws dealing with soil survey work. As a result, the environmental consultant always acts in compliance with official environmental standards.



## **The Complete Soil**

The 'integral' nature of the solution to environmental research provided by TerrAttesT®, is not only reflected in ten product features, but also in the significant advantages offered to the three main characteristic features of practical environmental consultancy:

### **1. The technical merits**

The solid performance of TerrAttesT® and the up-to-date follow-up of regulations and market requirements, meet all aspects of the technical demands posed by professional environmental consultants. In doing so, TerrAttesT® allows them to fully concentrate on their consultancy work.



### **2. The logistical merits**

When TerrAttesT® soil jars and/or water kits are sent, they will automatically be analyzed for the TerrAttesT®. Thanks to this unique TerrAttesT® formula, a significant increase of time to further enhance your core business is created.

### **3. The commercial merits**

Because TerrAttesT® allows environmental consultants to issue a legal and technical



highly reliable recommendation, without first having to plough through a mass of time consuming formalities, Eurofins Environment Testing offers its clients new opportunities in building a strong(er) commercial consultancy business.

## TerrAttesT® Logistically Efficient

For soil samples, TerrAttesT® uses 100 ml glass jars with Teflon inlayed caps.

The TerrAtesT® sampling kit for groundwater consists of four vials. A 20 ml polypropylene syringe including a filter and a filter tip and a 30 ml blank PE vial are used for the metals and inorganics. Two 40 ml amber glass vials are used for the analysis of organic components.

The 30 ml blank PE vial and one of the amber vials contain preservative in order to maintain the quality of the metals and volatile organic components. The four groundwater sampling vials are held in a zip lock bag.

The soil and groundwater sampling kits are delivered to the client in hassle-free boxes, which also serve as return packaging. Personalization of the containers by barcode labels ensures the correct use of demographic data.



**TerrAttesT®**

Is value for money

TerrAttesT® analysis is very competitive compared with more traditional laboratory survey methods. A multitude of chemical components are assessed in every soil or groundwater sample submitted. Besides gaining processing time there is the added value of advantageous purchasing costs.

**TerrAttesT®**

Is user-friendly

On the input side of the analytical process, TerrAttesT® saves a lot of time and effort. Thanks to the wide scope of the analysis, the client doesn't need to specify which tests he wants to have carried out on the samples.

**TerrAttesT®**

Is logistically efficient

The technology behind TerrAttesT® is so refined, that sample sizes can be spectacularly reduced in comparison with what was hitherto the norm: 100 ml instead of 450 ml for soil samples, and 130 ml instead of 2000 ml of groundwater samples are sufficient. This means cost friendly and efficient transport.



**TerrAttesT®**

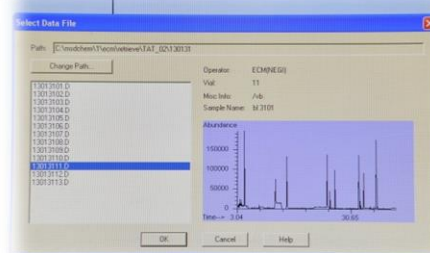
### Full quantitative analytical scope

TerrAttesT® analyses samples for over 200 chemical compounds. An essential feature of TerrAttesT® is that further examination of screening parameters is not required: all analytical parameters are directly and quantitatively specified.

**TerrAttesT®**

One-stop-shop available

The process underlying the TerrAttesT® analysis ensures that all analytical results are verified and made available simultaneously. With TerrAttesT®, interim reporting is a thing of the past.







### Digital reporting 24/7

Another important logistical advantage is the direct online communication with the laboratory. Eurofins Environment Testing's unique communication program enables you to obtain your results in digital format (Excel, Word, EDD); ready for use in your survey reports. The official certificate of analysis is available online as a full colour PDF file. Furthermore, the program enables you to follow the status of your projects results in the laboratory, directly and online.



### TerrAttesT®: A Eurofins Environment Testing product

Eurofins Environment Testing distinguishes itself by its high efficiency that is realized through optimal logistics, flexible planning and the development and application of state-of-the-art technologies and products. This policy is part of Eurofins Environment Testing mission to think along with its clients and take an active view of the processes and markets faced by them. This commitment results in an innovative product development program. TerrAttesT® is a direct result of this continuous innovation process.



### Worldwide recognition

All over the world environmental consultants experience the benefits of TerrAttesT®. From Stockholm to Cape Town and from Buenos Aires to New Delhi, TerrAttesT® is used for remediation, monitoring and due diligence projects. Many multinationals

prescribe TerrAttesT® as the preferred analysis tool for soil investigation of their sites in different parts of the world. Through its own local branches and the laboratories of the Eurofins group, Eurofins Environment Testing has a very large international network. In this way as an Eurofins customer you always have local service and worldwide support at your disposal.

### More information

For information about additional analyzes, reporting, rates, delivery times, service and more, you can contact us by your contact person or [info-env@eurofins.nl](mailto:info-env@eurofins.nl).

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