



Industrie Service

**Choose certainty.
Add value.**

Rely on one of the world's most modern laboratories for dioxin analysis.

For over 20 years, dioxin measurement and analysis has been one of the core activities of TÜV SÜD's environmental engineering experts.

The service group has now invested in the establishment of one of the world's most modern systems for trace analysis. This new high-resolution gas chromatography/mass spectrometry system (HRGC/HRMS) plus custom software enable us to supply you with all the data relevant for your quality assurance and quality management system.

In our accredited and notified laboratories, we determine dioxins and dioxin-like PCBs as per EN 1948 (1-4) as well as other persistent organic pollutants (POPs). Test us.

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Backdrop:

The revision of the European standard EN 1948 led to the introduction of stricter regulations for dioxins and laid down criteria governing dioxin-like polychlorinated biphenyls (PCBs) for the first time. The CEN/TS 1948-4 standard extended the requirements governing determination of mass concentrations of dioxins in emissions from industrial production processes by adding dioxin-like PCBs. Regarding dioxin analysis in food and feed, the EU has already defined tolerable limit values in recent years, including those for dioxin-like PCBs. Toxicological evaluation is effected in line with the WHO's TE model. TÜV SÜD's environmental engineering experts support you by providing comprehensive services to ensure that your company complies with the stricter requirements of the new standard.

TÜV SÜD Industrie Service GmbH

TÜV®



Industrie Service



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Dioxin Analysis: Experience and safety count. Opt for both – TÜV SÜD.

As TÜV SÜD's environmental engineering experts, we determine mass concentration of dioxin in almost all types of samples from the environment. We analyse air, exhaust emissions, ashes, water, sewage, soil, plants, blood, fatty tissue, food and feed, textiles and many other substances.

As the trace analysis of dioxins and their related compounds is complex and collecting representative samples of air or exhaust emissions from an incineration plant requires know-how, it is important that you delegate this task to an experienced partner who enjoys an excellent international reputation – a partner like TÜV SÜD.

TÜV SÜD services in brief:

- Preparation of sampling
- Sampling (measurement of emissions and air pollution control throughout Germany using own teams approved as per Articles 26, 28 of the German Air Pollution Control Act)
- Laboratory analysis for the pollutants in question
- Quality assurance in line with the requirements of the current standard
- Consulting services on approach and evaluation

Analyses cover: emissions, air-pollution control, all types of environmental samples, food, feed, product samples.

Your benefits at a glance:

- ▶ You gain a partner with over 20 years of experience.
- ▶ Your samples will be analysed by one of the world's most modern analysis systems and most efficient measuring and analysis programs.
- ▶ You maintain the quality of your products and the efficiency of your installations at the highest level.
- ▶ You gain a fast and flexible partner which guarantees short processing times: express analyses can be completed within 24 to 36 hours.
- ▶ You obtain single-source services.
- ▶ TÜV SÜD is approved throughout Germany as an expert body for dioxin measurement, sampling and analysis as per Articles 26, 28 of the German Air Pollution Control Act
- ▶ TÜV SÜD has been accredited as per EN ISO/IEC 17025.
- ▶ You gain a reliable internationally renowned partner: TÜV SÜD

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