

20 40.078

T

TITRATION

5 10.811

E

EXPLANATION

19 39.098

S

STANDARDISATION

20 40.078

T

TRANSITION

5 10.811

E

EVALUATION

4 9.0122

D

DEDICATION

SGS DIOXIN ANALYSIS SERVICES – ACCURATE DIOXIN CONTAMINATION TESTING



T

TOLERATION

ESTING

FOR TRACE QUANTITIES OF DIOXIN
IN ANYTHING FROM AIR TO FOOD

Dioxins are a group of toxic congeners which are highly persistent environmental pollutants. Dioxins are not intentionally manufactured, but formed as a byproduct in chemical and combustion processes. As they accumulate in the environment, some dioxins contaminate food products causing a potential danger to public health. Since dioxins are unintentionally formed, they can only be determined at a very low level; around one million times lower in concentration compared to the level for other environmental components.

SGS CAN HELP YOU

Customers are facing an increasing need for a fast, cost friendly and reliable dioxin analysis approach. To meet this need, SGS has developed an analytical concept – based on high resolution gas chromatography and mass spectrometry – to verify the dioxin presence in environmental matrices. Our laboratories, combined with a team of highly skilled scientists, test for trace quantities of dioxin contamination, and provide accurate and reliable results, which help to prove that your activities are safe.

SGS service advantages:

- Attainment of the highest ranking accreditations (e.g. DoD, ISO H025)
- High Resolution Capillary Gas Chromatography and High Resolution Mass Spectrometry method development and innovation

- Continuous improvement of QA/QC protocols
- Focus on staying ahead of the technology and automation curves
- Fast turnaround of results
- Customized reporting solutions tailored to customer needs
- Reporting to legally defensible standards if required
- Proven accuracy

Analytical testing of a wide range of substances including:

- Soil
- Sediment
- Water
- Tissue/biota
- Wipes
- Ambient air
- Stack gas/source
- Feed stocks
- Food (dairy, meat, fish, nutritional supplements)
- Product
- Other non-routine matrices

WHY SGS

SGS is the world's leading inspection, testing, verification and certification company, helping your business maximize its relationship with the environment. With two principle high resolution laboratories in Belgium and the US and two others in Europe, SGS has nine high resolution mass

spectrometers available and an annual testing portfolio of over 16,000 dioxin samples a year.

SGS is accredited to certify US, EU, Australian and many other local environmental standards including JI, CDM, EU ETS, and voluntary emissions reporting. We offer not only reliable and accountable data, but also an extremely advanced and cost effective certification process. With offices in over 140 countries, most of the time SGS will be closer to your project and more in tune with local standards than anyone else.

The SGS approach is transparent and logical, which is what makes SGS the ideal independent partner to help your business gain a competitive edge. Our experts are hand-selected based on their technical expertise as well as their business acumen, and like all SGS employees their objectivity, ethics and confidentiality are beyond reproach. Recognized as the global benchmark for quality and integrity, SGS creates leading market solutions to provide true innovation for businesses and individuals alike.

TO FIND OUT HOW SGS CAN HELP YOU, CONTACT ENVI@SGS.COM OR VISIT WWW.SGS.COM/ENVI FOR MORE INFORMATION.