

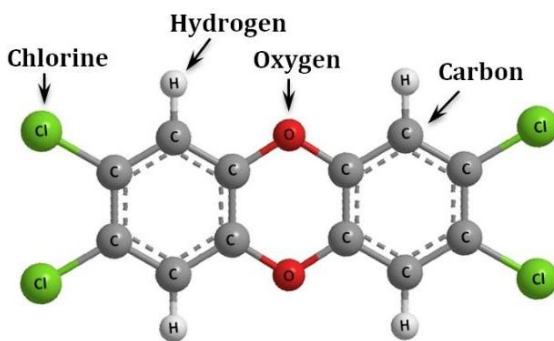
Eurofins | Environment Testing EnviroNote 1103 – May 2020

Brisbane Laboratory now NATA Accredited for Dioxins

Our Brisbane state-of-the-art laboratory has just been granted NATA accreditation for polychlorinated dibenzo-p-dioxins (PCDDs), polychlorinated dibenzofurans (PCDFs) and dioxin-like polychlorinated biphenyls (DL-PCBs) in soil, water, wipes and air samples. Using the latest Triple Quadrupole GC-MS/MS equipped with a high-efficiency EI source that allows for parts per trillion (ppt) and parts per quadrillion (ppq) limits of reporting to be routinely achieved in a variety of matrices.



Eurofins has one of the worldwide competence centres for dioxins that was used to benchmark Brisbane's capabilities and provide the latest analytical advice with respect to the detection of these persistent organic pollutants (POPs).



Most Toxic Dioxin: TCDD
(2,3,7,8-tetrachlorodibenzo-p-dioxin)

Credit: Yun-Ya Yang, UF/IFAS

The methodologies used are fully compliant with the requirements, in full, as outlined in Table B-5. Dioxin/Furan Analysis by High-Resolution Gas Chromatography/Low-Resolution Mass Spectrometry (Method 8280) of QSM 5.3 that are delineated in the US Department of Defense (DoD) Quality Systems Manual (QSM) for Environmental Laboratories.



Department of Defense (DoD)
Department of Energy (DOE)
Consolidated

Quality Systems Manual (QSM) for Environmental Laboratories

Based on ISO/IEC 17025:2005(E)

ISO/IEC 17025:2017(E)

and

The NELAC Institute (TNI) Standards, Volume 1, (September 2009)

DoD Quality Systems Manual Version 5.3
2019

Eurofins is your competent partner for the analysis of these contaminants in almost every matrix and offers a quick, reliable service – no matter which product might be concerned, please contact us! If you would like to discuss logistical details for your upcoming projects then please contact your local Analytical Service Manager or one of our Business Development team listed below.

Technical support for all Dioxin projects can be provided by contacting Dr. Bob Symons.

Global Leader - Results You Can Trust

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