

Eurofins | Environment Testing EnviroNote 1098 – April 2020

Melbourne Laboratory now NATA Accredited for PFAS

Our Melbourne state-of-the-art laboratory has just been granted NATA accreditation for per-and polyfluoroalkyl substances (PFAS) in soil and water samples. This supplements our existing laboratory capabilities in Brisbane and presents unprecedented turnaround time (TAT) capabilities in Australia.



With three dedicated LC-MS/MS instruments located in our Dandenong South facility. 24-hour TAT for PFAS in soils and waters are achievable. NOTE: leachate methods can be conducted on less than 48-hour TAT following the latest PFAS protocols.



In addition to the standard PFAS suite of 30 compounds our Melbourne facility is the first laboratory in Australia to be accredited for the replacement PFAS chemicals such as GenX, ADONA & F53B plus PFECHS that are found in aviation hydraulic oils as well as fluorotelomer carboxylic acids 3:3 FTCA and 5:3 FTCA that are the major components in legacy landfill leachates. These PFAS are included in our supplemental PFAS list and can be requested as required.

The methodologies used in both our Melbourne and Brisbane facilities are fully compliant with the requirements, in full, as outlined in Table B-15 *Per- and Polyfluoroalkyl Substances (PFAS) Using Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS) With Isotope Dilution or Internal Standard Quantification in Matrices Other Than Drinking Water* 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

Our Melbourne laboratory achieved an exemplary performance in the National Measurement Institutes' recent PFAS proficiency study and was the only facility that recorded the highest number of satisfactory En-scores.

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 PFAS projects can be provided by contacting Dr. Bob Symons.

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