



Mercury Reference Laboratory

Methyl Mercury (EPA 1630) / Total Mercury (EPA 1631)

A reference lab is considered to be of such high accuracy, precision and data quality, that it sets the gold standard to which all other lab results are compared. Having helped develop these methods and years of experience performing high quality mercury and trace metals analysis, Eurofins Frontier Global Sciences was chosen as the validation and reference laboratory for several important mercury validation and laboratory studies. We continue the stellar practices today that were implemented to ensure ultra-low background contamination to ensure accurate results for all of your analytical needs.

EPA Validation Reference Lab

Eurofins Frontier Global Sciences popularized and further helped develop the art of Low-Level Mercury and Methyl Mercury analysis. Eurofins Frontier Global Science's achievements were recognized and we were chosen by EPA as the Reference Laboratory to perform the validation of what are now the US EPA 1600 Series Trace Metals and Metals Speciation methods which include EPA 1630 (Methyl Mercury) and US EPA 1631 (Low-Level Mercury) in water, soils, sediments, tissues and a variety of additional sample types.

Why Choose Eurofins Frontier Global Sciences?

- We have been analyzing samples using EPA 1631 and EPA 1630 since 1991.
- We were the Reference Laboratory hired by the EPA Office of Waters to perform the validation of both EPA 1631 and 1630.

California Bay Delta Authority Lab Inter-comparison Referee Lab 2007

In 2007, Eurofins Frontier Global Sciences served as the reference laboratory for the California Bay-Delta Authority Mercury QA Program Laboratory Inter-comparison. We coordinated and distributed all of the environmental proficiency test samples for this program to six participating labs. The results were reported to a third party, and then compared to our results. The study encompassed a wide range of environmental matrices including:

- Fresh Water - Total and Methyl Mercury
- Estuarine Sediments - Total and Methyl Mercury
- Fish Tissue - Total Mercury
- Mussel Tissue - Methyl Mercury