



Ohio Lumex Laboratory Services

Exceptional QAQC, Inexpensive Pricing, and Guaranteed Confidentiality!

Ohio Lumex is a full staff laboratory capable of doing all of your sorbent trap analysis. PHD chemists are on staff to do analysis including fly ash, coal, and all industrial testing such as wastewater, boiler water, raw materials, and more.

Standard turnaround time is 1 week. We also do **RUSH analysis of SAME DAY, 24 Hours, and 2nd Day!** Every analyzer used in the Lab is annually certified with a Bias Test and MDL Study.

Extended Lab Report with full QAQC is available!

Technology The analytical method at Ohio Lumex is based on thermal desorption per EPA Method 7473 modified (direct thermal desorption with atomic absorption and no gold amalgamation step). The method is applicable for total mercury “direct” testing of sorbent traps used for Continuous Emissions Monitoring or EPA Method 30B RATA.

We worked with the EPA to develop Method 30B and Appendix K making us experts in working with the methods where we follow each step exactly. We can also be your best resource in working with these methods and are eager to help you every step of the way from sorbent trap selection, sampling technique, and analysis. You will not only receive a lab report but also feedback on how to improve the longevity of your traps specific to your stack conditions.

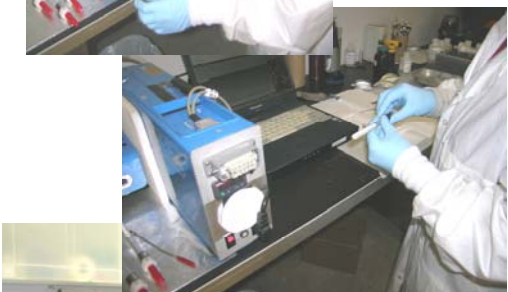
Analytical Range: 1ng - 300,000ng.

Our Lab analyzers have incredibly low MDLs of .36ng with standard analyzers and .15ng with the sensitivity enhanced analyzers.

For Analysis Service Please contact us at:

Ohio Lumex Company, 9263 Ravenna Rd, Unit A-3, Twinsburg, Ohio 44087

Tel. 1-888-876-2611, 330-405-0837, Fax. 330-405-0847, mail@ohiolumex.com



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Turn - Around Time
 Rush
 Standard
 2 day rush
 Other

Sorbent Trap Analysis Report

Client Name: Super Power Plant Date: 11/3/2009
 Contact Name: Realty Cool Cjy rcp@superpower.com Phone: 123-123-1234

Trap ID	Date Analyzed	Scientist	Mass ng Sect 1	Mass ng Sect 2	Mass ng Sect 3	Spike Level	% Spike Recovery	Break- through	Orgs in Stack
30254	11/02/09	Dr. Alan Tse	0.1	0.1	0.1	200	99.0%	0.0%	0.0%
30255	11/02/09	Dr. Alan Tse	0.1	0.1	0.1	200	99.0%	0.0%	0.0%
30256	11/02/09	Dr. Alan Tse	0.1	0.1	0.1	200	99.0%	0.0%	0.0%
30257	11/02/09	Dr. Alan Tse	0.1	0.1	0.1	200	99.0%	0.0%	0.0%
30258	11/02/09	Dr. Alan Tse	0.1	0.1	0.1	200	99.0%	0.0%	0.0%
30259	11/02/09	Dr. Alan Tse	0.1	0.1	0.1	200	99.0%	0.0%	0.0%
30260	11/02/09	Dr. Alan Tse	0.1	0.1	0.1	200	99.0%	0.0%	0.0%
30261	11/02/09	Dr. Alan Tse	0.1	0.1	0.1	200	99.0%	0.0%	0.0%
30262	11/02/09	Dr. Alan Tse	0.1	0.1	0.1	200	99.0%	0.0%	0.0%
30263	11/02/09	Dr. Alan Tse	0.1	0.1	0.1	200	99.0%	0.0%	0.0%
30264	11/02/09	Dr. Alan Tse	0.1	0.1	0.1	200	99.0%	0.0%	0.0%
30265	11/02/09	Dr. Alan Tse	0.1	0.1	0.1	200	99.0%	0.0%	0.0%
30266	11/02/09	Dr. Alan Tse	0.1	0.1	0.1	200	99.0%	0.0%	0.0%
30267	11/02/09	Dr. Alan Tse	0.1	0.1	0.1	200	99.0%	0.0%	0.0%
30268	11/02/09	Dr. Alan Tse	0.1	0.1	0.1	200	99.0%	0.0%	0.0%
30269	11/02/09	Dr. Alan Tse	0.1	0.1	0.1	200	99.0%	0.0%	0.0%
30270	11/02/09	Dr. Alan Tse	0.1	0.1	0.1	200	99.0%	0.0%	0.0%
30271	11/02/09	Dr. Alan Tse	0.1	0.1	0.1	200	99.0%	0.0%	0.0%
30272	11/02/09	Dr. Alan Tse	0.1	0.1	0.1	200	99.0%	0.0%	0.0%
30273	11/02/09	Dr. Alan Tse	0.1	0.1	0.1	200	99.0%	0.0%	0.0%
30274	11/02/09	Dr. Alan Tse	0.1	0.1	0.1	200	99.0%	0.0%	0.0%
30275	11/02/09	Dr. Alan Tse	0.1	0.1	0.1	200	99.0%	0.0%	0.0%
30276	11/02/09	Dr. Alan Tse	0.1	0.1	0.1	200	99.0%	0.0%	0.0%
30277	11/02/09	Dr. Alan Tse	0.1	0.1	0.1	200	99.0%	0.0%	0.0%
30278	11/02/09	Dr. Alan Tse	0.1	0.1	0.1	200	99.0%	0.0%	0.0%
30279	11/02/09	Dr. Alan Tse	0.1	0.1	0.1	200	99.0%	0.0%	0.0%
30280	11/02/09	Dr. Alan Tse	0.1	0.1	0.1	200	99.0%	0.0%	0.0%

Less than 87 ng is considered "LCL" which is less than the lowest detection limit.

Lab Report # 12345

Printability: 1/1

- Extended Lab Report includes:**
- The results lab report
 - The original signed and dated Chain of Custodies sent in with the traps
 - The calibration report
 - A copy of our Analysis procedures and protocols along with QAQC requirements
 - The certification of the standards used
 - The Bias Test Analyzer Certificate on the analyzer used along with analyzer Method Detection Study
 - The Spike Recovery Study Certificate specific to the analyzer
 - The calibration data from the analyzer with “check standards” throughout
 - The pre-calibration graph
 - The post-calibration graph
 - The operation graph