

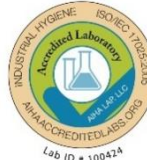


Laboratory Services



Table of Contents

Asbestos Laboratory Services	3
Lead (Pb) Laboratory Services.....	4
Environmental Microbiology Laboratory Services.....	5
PCR and DNA Laboratory Services	6
Industrial Hygiene/Indoor Air Quality Laboratory Services	7
Environmental Chemistry Laboratory Services.....	8
Lab Opening Policy.....	9





Asbestos Laboratory Services

Criterion Laboratories offers Asbestos Laboratory Services to Environmental Consultants, Asbestos Remediation Contractors, Engineering Companies, Government Agencies, Public School Districts, and many others. Our asbestos laboratory is fully accredited by NVLAP and AIHA Laboratory Accreditation Programs, along with additional state certifications. Criterion maintains industry expertise in methodologies using Polarized Light Microscopy (PLM) and Phase Contrast Microscopy (PCM) prescribed by ASTM, EPA, ISO, NIOSH, and others.

PCM - Air	3 Hr	6 Hr	24 Hr	48 Hr	72 Hr	96 Hr	1 Wk	2 Wk
NIOSH 7400	\$36.75	\$31.50	\$21.00	\$15.75	\$18.90	\$16.80	\$14.70	\$12.60
PLM - Bulk Building Materials	3 Hr	6 Hr	24 Hr	48 Hr	72 Hr	96 Hr	1 Wk	2 Wk
EPA 600/R-93/116 (Calibrated Visual Estimate (CVE) Reporting limit <1%)	\$85.00	\$75.00	\$47.00	\$42.00	\$40.00	\$38.85	\$36.75	\$35.0
EPA 600/R-93/116 (CVE Reporting Limit <0.25% by 400 Point Count)	\$131.25	\$120.75	\$84.00	\$68.25	\$65.50	\$63.00	\$61.00	\$60.00
EPA 600/R-93/116 (CVE Reporting Limit <0.1% by 1,000 Point Count)	\$236.25	\$225.75	\$162.75	\$147.00	\$139.00	\$134.00	\$131.25	\$120.75
PLM – Soil, Dust, Vermiculite	3 Hr	6 Hr	24 Hr	48 Hr	72 Hr	96 Hr	1 Wk	2 Wk
ASTM D7521 Asbestos in Soil/Vermiculite (Modified, Sieve Method)	Call	\$168.00	\$105.00	\$96.60	\$92.00	\$84.00	\$78.75	\$75.00
EPA 600/R-93/116 Dust Characterization	Call	Call	Call	Call	Call	Call	\$126.00	Call
PLM – Bulk Building Materials with Problem Matrices (NOBs)*	3 Hr	6 Hr	24 Hr	48 Hr	72 Hr	96 Hr	1 Wk	2 Wk
NOB: EPA 600/R-93/116 with Reporting Limit to 0.5% with Gravimetric Reduction (EPA 600/R-93/116)**	Call	Call	Call	\$47.25	\$45.15	\$43.05	\$40.95	\$40.00
NOB: EPA 600/R-93/116 with Reporting Limit to <0.25% by 400 Point Count with Gravimetric Reduction (EPA 600/R-93/116)**	Call	Call	Call	\$77.70	\$74.55	\$71.40	\$67.20	\$65.00
NOB: EPA 600/R-93/116 with Reporting Limit to <0.1% by 1,000 Point Count with Gravimetric Reduction (EPA 600/R-93/116)**	Call	Call	Call	\$147.00	\$141.75	\$136.50	\$126.00	\$120.00

*Bulk building materials include loose-fill insulations, acoustic and thermal sprays, pipe and boiler wraps, plasters, paints, flooring products, roofing materials and cementitious products.

**Gravimetric Reduction Preparation is recommended for problem matrix materials, e.g., Non-Friable Organically Bound Materials (NOBs). NOBs include floor tiles, mastic, roof tiles, caulking, tars, cove base, glazing, etc.



Lead (Pb) Laboratory Services

Criterion provides Lead (Pb) testing multiple sample matrices, including: air, wipes, drinking water, soil and bulk samples (paint chips, dust and building materials). Our laboratory is staffed by experienced scientists and has the necessary laboratory certifications to perform analyses prescribed by NIOSH, EPA, ASTM, and/or the CDC. For more information, contact Criterion at (215) 244-1300, press 0 and ask to speak with the laboratory.

Lead (Pb) Laboratory Services (Wipes, Air, Chips)	3 Hr	6 Hr	24 Hr	48 Hr	72 Hr	96 Hr	1 Wk	2 Wk
Air (NIOSH 7082)	Call	\$99.75	\$52.50	\$42.00	\$35.70	\$33.60	\$29.40	\$26.00
Paint Chips (SW-846-7000B)	Call	\$99.75	\$57.75	\$36.75	\$34.65	\$33.00	\$31.50	\$29.00
Settled Dust Surface Wipes (SW-846-7000B)*	\$26.00	\$23.00	\$18.00	\$17.00	\$16.00	\$15.00	\$14.00	\$11.00
Soil (SW-846-7000B)	Call	\$99.75	\$57.75	\$36.75	\$33.60	\$33.00	\$31.50	\$29.40

*Complies with City of Philadelphia Regulations

Drinking Water	3 Hr	6 Hr	24 Hr	48 Hr	72 Hr	96 Hr	1 Wk	2 Wk
Drinking Water (EPA 200.9)	Call	Call	\$110.25	\$73.50	\$68.25	\$63.00	\$57.75	\$55.00
X-Ray Fluorescence (XRF)	3 Hr	6 Hr	24 Hr	48 Hr	72 Hr	96 Hr	1 Wk	2 Wk
Soil (EPA 6200)	Call	Call	\$42.00	N/A	N/A	N/A	N/A	N/A
Paint (ASTM F2853-10)	Call	Call	\$36.75	N/A	N/A	N/A	N/A	N/A



Environmental Microbiology Laboratory Services

Criterion’s lab provided Microbiology Laboratory Services for testing related to Environmental Monitoring, Indoor Air Quality and Industrial Hygiene. For more information, contact Criterion at (215) 244-1300, press 0 and ask to speak with the laboratory.

Non-Culturable Air Samples (Spore Traps)	3 Hr	6 Hr	24 Hr	48 Hr	72 Hr	96 Hr	1 Wk	2 Wk
Air-O-Cell (ASTM D7391)	\$100.00	\$90.00	\$74.00	\$68.00	\$63.00	\$60.00	\$55.00	\$50.00
Culturable Air Samples	3 Hr	6 Hr	24 Hr	48 Hr	72 Hr	96 Hr	1 Wk	2 Wk
Endotoxins LAL Assay (Gel Clot Test)	Call	Call	Call	\$367.50	N/A	N/A	N/A	N/A
Identification and Enumeration of Culturable Fungi collected by impactor, impinge or settling plate (Genus Level ID) (ASTM D7658)*	Call	Call	Call	Call	Call	Call	Call	\$73.50
Identification and Enumeration of Culturable Fungi collected by impactor, impinge or settling plate (Species Level ID) (ASTM D7658)*	Call	Call	Call	Call	Call	Call	Call	\$115.50
Identification and Enumeration of Culturable Bacteria (Five Types)	Call	Call	Call	Call	Call	Call	Call	\$210.00
Dust Characterization	3 Hr	6 Hr	24 Hr	48 Hr	72 Hr	96 Hr	1 Wk	2 Wk
Dust Characterization (Level 1) (Relative Percent Composition) ASTM D7391	Call	Call	\$80.00	\$53.50	\$47.25	\$36.75	\$28.00	\$25.00
Bulk and Surface Samples	3 Hr	6 Hr	24 Hr	48 Hr	72 Hr	96 Hr	1 Wk	2 Wk
Identification of Fungal Structures with Direct Examination collected by Tape lift, Bulk, Swab, Wipe (ASTM D7658)	\$126.00	\$105.00	\$89.25	\$78.75	\$68.25	\$63.00	\$60.38	\$57.75
Identification and Enumeration of Culturable Fungi collected by Bulk, Swab, Wipe (Genus Level ID) (ASTM D7658)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$73.50
Identification and Enumeration of Culturable Fungi collected by Bulk, Swab, Wipe (Species Level ID) (ASTM D7658)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$110.25
Identification and Enumeration of Culturable Fungi collected by impactor, impinge or settling plate (Genus Level ID) (ASTM D7658)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$73.50
Identification and Enumeration of Culturable Fungi collected by impactor, impinge or settling plate (Species Level ID) (ASTM D7658)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$115.50
Fungal Surface Samples (ID of Fungal Spore) (Direct Microscopic Exam) (ASTM D7391)	N/A	N/A	\$89.25	\$78.75	\$75.60	\$70.00	\$68.25	\$65.00



Environmental & Industrial Hygiene

Field Services...
 Laboratory Services...
 Training...

...Solutions

Water Samples	3 Hr	6 Hr	24 Hr	48 Hr	72 Hr	96 Hr	1 Wk	2 Wk
Heterotrophic Plate Count with Pour Plate (SM 9215B) or Membrane Filtration (SM 9215D)	N/A	N/A	N/A	\$78.75	N/A	N/A	N/A	N/A
Total Coliform Presence/Absence with E. coli Screen (SM 9223B)	N/A	N/A	\$75.00	\$65.00	\$60.00	\$57.50	\$55.00	\$52.50
Total Coliform Presence/Absence without E. coli Screen (SM 9223B)	N/A	N/A	\$65.00	N/A	N/A	N/A	N/A	N/A
Total Coliform with Membrane Filtration (SM 9222B)	N/A	N/A	N/A	N/A	\$60.00	N/A	N/A	N/A
E. coli Membrane Filtration (SM 9222G)	N/A	N/A	N/A	N/A	N/A	N/A	\$63.00	N/A
Sewage Screen for Presence/Absence of Total Coliform, E. coli, and Enterococci (SM 9223B and ASTM D6503)	N/A	N/A	N/A	\$152.25	N/A	N/A	N/A	Call
Sewage Screen for Most Probable Number (MNP) Total Coliform, E. coli, Enterococci	N/A	N/A	N/A	\$162.75	N/A	N/A	N/A	Call
Fecal Coliform with Membrane Filtration (SM 9222D)	N/A	N/A	N/A	N/A	N/A	N/A	\$63.00	N/A
Enterococci with Membrane Filtration (SM 9230C)	N/A	N/A	N/A	N/A	N/A	N/A	\$63.00	N/A
Pseudomonas with Membrane Filtration (SM 9213E)	N/A	N/A	N/A	N/A	N/A	N/A	\$84.00	N/A
Water Samples—Legionella	3 Hr	6 Hr	24 Hr	48 Hr	72 Hr	96 Hr	1 Wk	2 Wk
Legionella Enumeration and Detection including Serotyping with Membrane Filtration (ISO 11731)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$120.75
Legionella Enumeration and Detection including Serotyping with Membrane Filtration and Heat Treatment (CDC Method)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$262.50
Legionella spp. by qPCR	Call	Call	\$141.75	\$110.25	\$94.50	N/A	N/A	N/A

*Blank cassettes \$5.00 each

PCR and DNA Laboratory Services

Water Samples (Legionella)	3 Hr	6 Hr	24 Hr	48 Hr	72 Hr	96 Hr	1 Wk	2 Wk
Legionella spp. by qPCR	Call	Call	\$141.75	\$110.25	\$94.50	N/A	N/A	N/A
Surface Samples	3 Hr	6 Hr	24 Hr	48 Hr	72 Hr	96 Hr	1 Wk	2 Wk
SARS-CoV-2 (COVID-19) Environmental Surface Swab Sample (Presence/Absence)	Call	Call	\$315.00	\$252.00	\$210.00	N/A	N/A	N/A



Industrial Hygiene/Indoor Air Quality Laboratory Services

Criterion’s Industrial Hygiene and Indoor Air Quality Laboratories have expert knowledge of relevant NIOSH, OSHA, ASTM, and EPA methods. Our lab maintains an AIHA accreditation for Industrial Hygiene involving audits, reviews, and Proficiency Testing. Criterion uses EPA Method 524.3 for Volatile Organic Compounds (VOCs) and EPA Method 525.2 for Semi-Volatile Organic Compounds (SVOCs) and Synthetic Organic Chemicals (SOCs). For more information, contact Criterion at (215) 244-1300, press 0 and ask to speak with the laboratory.

Air Samples—Nuisance and Respirable Dust	3 Hr	6 Hr	24 Hr	48 Hr	72 Hr	96 Hr	1 Wk	2 Wk
Nuisance Dust Total (NIOSH 0500)	\$68.25	\$52.50	\$36.75	\$27.30	\$23.10	\$18.90	\$16.80	\$15.00
Nuisance Dust Respirable (NIOSH 0500)	\$68.25	\$52.50	\$36.75	\$27.30	\$23.10	\$18.90	\$16.80	\$15.00
Air Samples—Metals and Packages	3 Hr	6 Hr	24 Hr	48 Hr	72 Hr	96 Hr	1 Wk	2 Wk
Individual Elements by ICP/ICP-MS (excludes Hg)* (7300M/7303)	Call	\$180.60	\$93.45	\$59.85	\$48.30	\$39.90	\$35.70	\$28.00
Solder Metals Profile (NIOSH 7300M) Sb, Be, Cd, Cu, Co, Pb, Ag, Sn, Zn	N/A	Call	\$210.00	\$183.75	\$162.75	\$131.25	\$96.75	\$78.75
Welding Fumes Profile (NIOSH 7300M) Al, Be, Cd, Cr, Co, Cu, Fe, Pb, Mn, Mo, Ni, Sb, Ti, V, Zn	N/A	Call	\$288.75	\$236.25	\$215.25	\$168.00	\$120.75	\$105.00
Solid/Wipe/Soil Samples—Metals	3 Hr	6 Hr	24 Hr	48 Hr	72 Hr	96 Hr	1 Wk	2 Wk
Individual Element by ICP (excludes Hg) (6010C)*	Call	Call	\$126.00	\$72.45	\$60.90	\$48.30	\$42.00	\$37.80
Mercury (Hg) CVAA (7471A)	Call	\$189.00	\$158.55	\$110.25	\$84.00	\$72.45	\$66.15	\$59.85

* Price for first element; additional elements @ \$10.00



Environmental Chemistry Laboratory Services

Potable Drinking Water Samples	3 Hr	6 Hr	24 Hr	48 Hr	72 Hr	96 Hr	1 Wk	2 Wk
Individual Elements* EPA Drinking Water Primary Metals (EPA 200.5)	Call	Call	\$141.75	\$84.00	\$69.30	\$55.65	\$52.50	\$50.00
Mercury (Hg) (EPA 245.1)	Call	\$199.50	\$168.00	\$105.00	\$84.00	\$78.75	\$73.50	\$71.00
Drinking Water Packages	3 Hr	6 Hr	24 Hr	48 Hr	72 Hr	96 Hr	1 Wk	2 Wk
Standard Drinking Water Test Kit—Total Coliform, chloride pH, turbidity, Nitrate/Nitrite, Pb and Cu*	N/A	N/A	N/A	N/A	N/A	N/A	\$299.00	\$199.00
Advanced Drinking Water Test Kit—Total Coliform, chloride pH, turbidity, Nitrate/Nitrite, 11 metals, VOCs, and SOCs*†	N/A	N/A	N/A	N/A	N/A	N/A	\$715.00	\$515.00
Disinfection Byproducts (DBP) Package	Call	Call	Call	Call	Call	Call	Call	Call
4 Trihalomethanes (THM) and 5 Halo Acetic Acids (5HAA) (GC-MS)	Call	Call	Call	Call	Call	Call	Call	Call
Volatile Organic Compound (VOC) Scan	Call	Call	Call	Call	Call	Call	\$240.00	\$200.00
Synthetic Organic Chemical (SOC) Scan	Call	Call	Call	Call	Call	Call	\$199.50	\$168.00
EPA Drinking Water Primary Metals (Excludes Hg) (EPA 200.5) As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Se, Sb	Call	Call	\$236.25	\$178.50	\$163.80	\$150.15	\$147.00	\$144.90
6 PFAS Compounds (EPA Method 533)	N/A	N/A	N/A	N/A	N/A	N/A	\$400.00	\$280.00
25 PFAS Compounds (EPA Method 533)	N/A	N/A	N/A	N/A	N/A	N/A	\$520.00	\$400.00
Non-Potable Water Samples	3 Hr	6 Hr	24 Hr	48 Hr	72 Hr	96 Hr	1 Wk	2 Wk
Leak Test: Chlorine, pH, Total Coliform, Disinfectant By-products	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Call
Wet Chemistry	3 Hr	6 Hr	24 Hr	48 Hr	72 Hr	96 Hr	1 Wk	2 Wk
Bacterial Endotoxins (CLI-403)	N/A	N/A	N/A	N/A	N/A	N/A	\$215.25	\$210.00
pH (CLI-429)	Call	Call	\$19.95	N/A	N/A	N/A	N/A	N/A
Turbidity (EPA 180.1)	N/A	N/A	N/A	\$52.50	N/A	N/A	N/A	N/A
Total Organic Carbon (EPA 9060A)	Call	Call	Call	\$168.00	Call	Call	Call	Call
Anion Group/Ionic Contaminants (Method 300.1)	Call	Call	Call	Call	Call	Call	\$220.50	\$215.00
Hardness (Hach Total Hardness Test Kit, Model HA-71A)	Call	Call	\$94.50	\$78.75	\$57.75	N/A	\$52.50	N/A
Conductivity via Mettler Toledo pH Meter and Probe	Call	Call	\$26.25	\$24.15	N/A	N/A	\$21.00	N/A
Chloride via Mettler Toledo pH Meter and Probe	Call	Call	\$26.25	\$24.00	23.00	22.00	21.00	N/A

*Additional elements can be added for \$10.00 each. †A \$60.00 shipping fee is applied to drinking water test kits requiring round-trip shipping.

Lab Opening Policy

Criterion provides After-Hour, Weekend, and Holiday Lab Services. The following is Criterion's Lab Opening policy:

Projects that require a Lab Opening fee must be paid in full in advance.

Samples with a 6-Hour Turnaround Time must be received by Criterion's Laboratory by 9:00am for Same-Day results.

Samples with a 3-Hour Turnaround Time must be received by 12:00pm for Same-Day results.

Samples dropped-off after 12:00pm requiring Same-Day results can be processed, but a Lab Opening Fee will be applied.

- Criterion's operating hours are Monday thru Friday 8:00am-4:00pm. Analyses with Turnaround Times that require After-Hour processing will be charged the appropriate Lab Opening Fee
- Lab Opening is subject to staff availability. Lab Openings must be scheduled ahead of time. Call (215) 244-1300, Press 0.
- Clients are required to confirm acceptance of the Lab Opening Fee via Email.
- Lab Opening Fees are in addition to all other fees and must be paid to receive lab results.

2-Hour Lab Opening Fee: Applied if the analysis requires the Lab to extend its weekday hours by a maximum of 2 hours.

Fee: \$200

Weekday Lab Opening Fee: Applied if the analysis requires the Lab to extend its weekday hours by more than 2 hours.

Fee: \$400

Weekend Lab Opening Fee: Applied if the analysis requires the Lab to open anytime between Friday at 4:00pm and Monday at 8:00am.

Fee: \$500

Holiday Lab Opening Fee: Applied if the analysis requires the Lab to open on a Holiday, as observed by Criterion Labs.

Fee: \$800

Cancellation Policy:

Cancellation of Lab Openings must be done prior to 4 hours before the scheduled Lab Opening. Cancelling less than 4 hours before the Lab Opening will result in a 25% cancellation fee.