Wisconsin Occupational Health Laboratory

WISCONSIN STATE LABORATORY OF HYGIENE
UNIVERSITY OF WISCONSIN–MADISON

2024

Fee Schedule

Prices subject to change without notice.

www.wohl-lab.com

WISCONSIN OCCUPATIONAL HEALTH LABORATORY

FED-EX & UPS PACKAGES	US MAIL	TELEPHONE	FAX	EMAIL
WOHL 2601 Agriculture Dr Madison, WI 53718	WOHL PO Box 7996 Madison, WI 53707-7996	608 224-6210 800 446-0403	608 224-6213	WOHLService@slh.wisc.edu

WEB PAGE
www.wohl-lab.com

WOHL Sampling Guide

For specific sampling guidelines, please refer to the current Sampling Guide. You can access it from our homepage at www.WOHL-lab.com.
Many other types of analyses are offered which are not listed in this fee schedule. Please call the laboratory for details and prices. Some of these analyses may require a minimum of 3 samples. If fewer than 3 samples are received the client will be billed for 3 samples.

Sampling Media Charges

Sampling media costs are included in the listed price with the following exceptions:

Passive VOC Monitors			
Assay 525 Badge (128)	$15.00		
Assay 566 Badge (128.1)	$13.00	**OVS-2 and OVS-7 Tubes (4, 116)**	$14.00
Air-O-Cell Cassettes (139)	$5.00	**OVS TENAX Tubes (117)**	$21.00
PPI Impactors 2 lpm (175)	$25.00	**DNPH Seppak (138)**	$14.00
PPI Impactors 4 lpm (179)	$25.00	**UMEX 100 Badge (167)**	$14.00

These costs are in addition to any charges for analysis. Tests that have additional media charges are marked with an "*".

Equipment Loans Available

The lab maintains equipment for the use of our clients who test only occasionally. The program is free for our clients; however, not all equipment may be available at any given time. If you sample frequently or need a large amount of equipment, please consider purchasing your own. When ordering equipment, please be prepared to give us the flow rate so that we can calibrate the pump(s).
Outgoing, domestic, non-rush shipping of pumps and samplers is free. Any rush shipping charges will be paid by the client. You should request your equipment to be received close to the day of sampling and use and return it as soon as possible so that others may use it.
The customer pays all shipping charges for Andersen Samplers. Overnight shipment recommended.

Air-O-Cell sampling pump	High Volume (10-20 lpm) pumps	WallChek sampler
Andersen N6 sampler	MSA Dorr-Oliver cyclones	Aluminum cyclones
Field rotometers	Personal sampling pumps & accessories	

Accelerated Service Procedure

WOHL offers accelerated service levels: SAME DAY, RUSH or PRIORITY. Requests for these services must be prearranged before shipment of samples by calling **(800) 446-0403 or (608) 224-6210**. Requests for accelerated service without prearrangement will be handled as accelerated samples, but no guarantees will be made as to length of turnaround time.

Levels of Service/Turnaround Time

NORMAL: The fee is the listed price. Turnaround times (TAT) vary with sample type and quantity. Average turnaround is five to ten working days. Samples are usually analyzed in order of receipt or scheduled for most efficient analysis.

PRIORITY: The fee is 1.5 times normal sample price. Priority analysis must be **prearranged** with the analyst. Usual PRIORITY turnaround time (TAT) is two to three working days.

RUSH: The fee per sample is 2 times the normal sample price. Analysis must be **prearranged** with the analyst. Usual RUSH turnaround time (TAT) is one to two working days.

SAME DAY: This level of service is only available for a limited number of analyses. Primary tests are: spore traps, tape lifts and asbestos. Please call lab to see if same day analysis is available.

Our working days are Monday through Friday excluding holidays.

WOHL strives to provide the fastest turnaround possible for all specimens, but some factors affect the availability of accelerated service, including:

- Number of samples. Large quantities take longer to finish.
- Type of sample. Certain sample types take longer to analyze.
- Number of requests per sample. Samples with multiple analyses will take longer.
- Prearrangement. Phoning ahead can place an accelerated order on your samples.

Sample and Data Retention Policy

Our policy is to retain records for the period of time required by our accreditations and by law. Contact the lab to make arrangements for extended storage or transfer. Retention times for samples are as follows:

Bulk Asbestos	1 year	Total Weight Filters	1 year
Air Asbestos Filters	1 year	Desorbed Air Samples	only until results reported
Other Bulk Samples	1 year	ECOC Filters	1 year

Blank Submission Policy

The Wisconsin Occupational Health Laboratory strongly recommends submitting blank sampling media with all types of samples. Blanks added by the lab only correct for background levels of analyte on the media as a result of the manufacturing process and will not correct for additional contamination during handling by the client or shipping. Therefore, please include your own blank when submitting samples. The charge for blanks will be the same as for regular samples as they are analyzed identically.

Minimum Number of Samples

There is no minimum number of samples required for the most common types of analyses. However, for some difficult analyses, there is a three sample minimum. Those analyses requiring a three sample minimum are marked with a "③". If fewer than 3 samples are received, the client will be billed for 3 samples.

Shipping Charges

WOHL uses UPS as its standard courier. There is no charge for shipping supplies by UPS ground within the United States. Other than outgoing overnight shipments for media that must be kept cold, all next day, second day, and international shipment charges will be billed to the customer. Clients will also be billed for shipping agar plates overnight.

Customer Service

Our customer service team can help you order, plan sampling strategies, and interpret reports. Call us at 800-446-0403 or (608) 224-6210. To get the fastest response to your needs, please inform the office staff of the type of assistance you require. They will put you in touch with the staff member who can best meet your needs. You can also email us at the following addresses:

Lab Director……..WOHLdirector@slh.wisc.edu
Customer Service……..WOHLservice@slh.wisc.edu

Billing Information

Invoices are issued at the beginning of the month following completion of testing and/or other charge such as media or shipping. Full payment is due within 30 days from date of invoice.

Submission Information

A submission form is required with all samples. WOHL submission forms are available on our website at www.wohl-lab.com. Please make sure to send a legible physical form with your samples. Please fill out the billing section with the specific, current company name along with the contact information for the person(s) who should be receiving the results report. We issue our reports in pdf format by email.

BioAir

EMPAT AIHA-LAP, LLC Accredited Laboratory #101070

Test Description	Sample Type	Fee
Fungal culture; enumeration and identification to genus level. Some fungi, e.g. A*spergillus*, may be identified to the species level upon request, must be prearranged. Malt extract agar provided.[e] Samplers available.[e]	Andersen sample[e]. Other impaction agar methods and contact plates.	52.00
Fungal culture; enumeration and identification to genus level. Some fungi, e.g. A*spergillus*, may be identified to the species level upon request, must be prearranged. Malt extract agar used.	Bulk solids, liquids or wipes[a]	62.00
Fungal culture; enumeration and identification to genus level. Some fungi, e.g. A*spergillus*, may be identified to the species level upon request, must be prearranged. Malt extract agar used.	Mixed cellulose ester (MCE) filter cassette[a]	52.00
Total spore count and identification. Samples collected by slit or round impaction methods. Air-O-Cell pumps available upon request.	Zefon Air-O-Cell[b] and other spore trap types	42.00
Direct microscopic examination. Identification of spores and fungal elements present.	Bulk and wipe samples[a]	42.00
Tape samples; identification and semi-quantitation of spores and fungal elements present. Clear (not frosted) tape should be used. Biotapes available.	Tape samples[a]	42.00

Prices may change without notice.

BioAir

Test Description	Sample Type	Fee
Bacterial culture[f]; enumeration and presumptive identification[d] (Gram stain reaction and colony morphology) of three predominant types. Tryptic soy agar used. May substitute blood agar for pathogenic bacteria. Samplers available.[e]	Andersen sample[e] Other impaction agar methods and contact plates	52.00
Bacterial culture[f]; enumeration and presumptive identification[d] (Gram stain reaction and colony morphology) of three predominant types. Tryptic soy agar used. May substitute blood agar for pathogenic bacteria.[f]	Bulk solids, liquids or wipes[a]	62.00
Legionella culture, enumeration and identification. CDC method. Sample collection kits available.[c]	Liquids or swabs	130
Identification of bacterial and fungal isolates to genus and species from environmental sources using Biolog microbial identification system. [f]	Isolates from samples above; pure subcultures	72.00/organism

[a] Cassettes, swabs, wipes, sterile containers and Biotapes for tape preparations are available upon request
[b] Zefon Air-O-Cell cassettes are available for $5.00 each.
[c] Sample collection kits including swabs available upon request.
[d] Identification to genus and species available upon request for some analyses. Some methods of speciation (e.g. use of the BIOLOG system) may incur additional charges per organism, must be prearranged.
[e] Customer pays all shipping charges for Andersen samplers. Culture media must be sent refrigerated by overnight shipment.

[f] WOHL is not accredited for Bacterial analysis.

Accelerated Service for BioAir Direct Reading Samples Only.
Not Applicable for Cultured Samples. Must be prearranged.

RUSH	1-2 days turnaround time	84.00
PRIORITY	3-5 days turnaround time	63.00
SAME DAY		128.00

Asbestos Analysis

ASBESTOS (Air Fiber Count)	PCM		
Phase Contrast Microscopy		.8µ MCE filter (122)	40.00
Same Day Turnaround			124.00
ASBESTOS (Bulk)	PLM		
Polarized Light Microscopy			46.00

Environmental Lead

ELLAP AIHA-LAP, LLC Accredited Laboratory #101070

Lead in soil, paint chips or surface wipes (181)	40.00
Lead in air	40.00

Industrial Hygiene Analysis

ELLAP AIHA-LAP, LLC Accredited Laboratory #101070

Most of the Industrial Hygiene analyses available through WOHL are listed in alphabetical order below. **This list is not all-inclusive**. We also provide specialty scans. Please see page 20 to view some of the most common scans. Please call the lab at 800-446-0403 or (608) 224-6210 if you can't find an analysis you need.

Method Table

Use the following table to determine the instrument used for the analysis.

Culture	Culture Microbiological Analysis		**IC**	Ion Chromatography
CVAA	Cold Vapor Atomic Absorption		**ISE**	Ion Selective Electrode
ECOC	Elemental/Organic Carbon Analyzer		**LC**	Liquid Chromatography
FAA	Flame Atomic Absorption		**PCM**	Phase Contrast Microscopy
GC	Gas Chromatography		**PLM**	Polarized Light Microscopy
GFAA	Graphite Furnace Atomic Absorption		**UVV**	UV-Visible Spectroscopy
GRAV	Gravimetric		**XRD**	X-Ray Diffraction
			ICP	Inductively Coupled Plasma

ANALYTE	METHOD	MEDIA (#)	FEE
ACETALDEHYDE	LC	DNPH cartridge(138)* or UMEX badge (167*)	99.00
ACETIC ACID	IC	Acid mist tube (6)	58.00
ACETIC ANHYDRIDE	GC	VA filters (111)	140.00③
ACETONE	GC	ORBO 91(45), OVM(128*& 128.1*)	57.00
ACETONITRILE	GC	Charcoal tube (1,2)	84.00
ACIDS	IC	Acid mist tube (6). H_3PO_4 and H_2SO_4 can be collected on MCE(14)	
Inorganic: Fluoride (HF), chloride (HCl), nitrate (HNO_3), phosphate (H_3PO_4), sulfate (H_2SO_4), bromide (HBr)			
First anion			58.00
Each additional			24.00
Organic: Propionic, butyric, citric, acetic, formic acids			
First anion			58.00
Each additional			24.00
Inorganic Acid Mist Scan I: fluoride (HF), chloride (HCl), nitrate (HNO_3), phosphate (H_3PO_4), sulfate (H_2SO_4), bromide (HBr)			125.00
Organic Acid Mist Scan IV: formic acid, acetic acid, propionic acid, butyric acid, citric acid			125.00
Bulk sample preparation		Add	60.00
ACRYLAMIDE	GC	OVS-7 tube(116)*	94.00
ACRYLIC ACID	LC	Anasorb 708 (121)	99.00③
ACRYLONITRILE	GC	Charcoal tube(1,2)	84.00
ALCOHOLS (See Solvents)	GC	Large Anasorb 747 tube (174)	57.00

ANALYTE	METHOD	MEDIA (#)	FEE
ALDEHYDES	LC	DNPH cartridge(138)* or UMEX badge (167*)	
First aldehyde			99.00
Each additional			49.00
TO-11A Scan:			325.00
Acetaldehyde, acetone, benzaldehyde, butyraldehyde, 2, 5-dimethylbenzaldehyde, formaldehyde, hexanaldehyde, isovaleraldehyde, methyl ethyl ketone, propionaldehyde, m & p-tolualdehyde, o-tolualdehyde, valeraldehyde			
ALDEHYDES-OSHA 52	GC	formaldehyde tube (10)	
Acrolein, acetaldehyde, formaldehyde			
First aldehyde			73.00
Each additional			29.00
ALUMINUM	ICP	MCE (14), PVC (15,160,175), Wipes(131, 181) & Bulks	See METALS
ALUMINUM OXIDE (weight only)	GRA	Preweighed PVC (15,160)	28.00
AMINES	IC	H_3PO_4 coated XAD-7 tube(63)	
Ethanolamines: ethanolamine, diethanolamine, triethanolamine. (Analysis may **not** be combined with Low Molecular Weight Aliphatic amines below.)			
First Amine			125.00
Each additional			43.00
Ethanolamine Scan: see list above			165.00
Low Molecular Weight Aliphatic Amines: methylamine, dimethylamine, trimethylamine, ethylamine, diethylamine, triethylamine, dimethylethylamine. (Analysis may **not** be combined with Ethanolamines above.)			
First amine			125.00
Each additional			43.00
Low Molecular Weight Aliphatic Amines Scan: see list above			245.00

ANALYTE	METHOD	MEDIA (#)	FEE
AMINES	GC	H_3PO_4 coated XAD-7 (63)	
Diethylaminoethanol, dimethylaminoethanol, cyclohexylamine, methylmorpholine, diisopropylamine. (Each analyte must be sampled on a separate tube.)			
Each amine			160.00③
AMINES	LC	NITC tubes(47)	
Ethylene diamine, diethylenetriamine, triethelenetetramine, tetraethylenepentamine. (May be sampled together on the same tube.)			
Each amine			145.00③
AMMONIA	IC	Treated tube(19)	63.00
ANTIMONY	ICP	MCE (14), PVC (15,160,175), Wipes(131, 181) & Bulks	See METALS
ARSENIC	ICP	MCE (14), PVC (15,160,175), Wipes(131, 181) & Bulks	See METALS
ASBESTOS (Air Fiber Count)	PCM		
Phase Contrast Microscopy		PCM filter(22)	40.00
ASBESTOS (Bulk)	LM		
Polarized Light Microscopy			46.00
ASPHALT FUMES (as benzene soluble)	GRAV	Glass fiber filter(9)	85.00③
AZIDES, HYDROZOIC ACID	IC	Special tube(155)	150.00③
BARIUM	ICP	MCE (14), PVC (15,160,175), Wipes(131, 181) & Bulks	See METALS
BENZENE	GC	Charcoal tube (1,2), badge (128*)	57.00
BENZOPHENONE	GC	Chromosorb 106 tube(13)	94.00
BENZOYL PEROXIDE	LC	Unweighed Teflon filter(18)	92.00③
BERYLLIUM (call if oxide)	ICP	MCE (14), PVC (15,160,175), Wipes(131, 181) & Bulks	See METALS

ANALYTE	METHOD	MEDIA (#)	FEE
BISMUTH	ICP	MCE (14), PVC (15,160,175), Wipes(131, 181) & Bulks	See METALS
BISPHENOL A	LC	Glass fiber filter(9)	99.00③
BORON	ICP	MCE (14), PVC (15,160,175), Wipes(131, 181) & Bulks	See METALS
BORON TRIFLUORIDE	ISE	Impinger	99.00③
BROMINE	IC	Ag filter(71)	81.00
BROMOPROPANE (1-)	GC	Charcoal tube (1,2), badge (128*)	57.00
BTEX (benzene, toluene, ethyl benzene & xylene)	GC	Charcoal tube(1,2), badge(128*)	129.00
BUTADIENE	GC	TBC charcoal tube(112)	57.00
BUTOXYETHANOL(2-)	GC	Charcoal tube(1,2), badge(128*)	57.00
BUTYL ACETATE	GC	Charcoal tube (1,2), badge (128*)	57.00
BUTYRIC ACID (See Acids)	IC	Acid mist tube (6)	58.00
CALCIUM	ICP	MCE (14), PVC (15,160,175), Wipes(131, 181) & Bulks	See METALS
CADMIUM	ICP	MCE (14), PVC (15,160,175), Wipes(131, 181) & Bulks	See METALS
CAPROLACTAM	LC	OVS-7 tube(116)*	115.00③
CARBON BLACK (OSHA THF extract.)	GAV	preweighed PVC filter (15,160)	81.00
CARBON DIOXIDE	GC	Mini-can(156)	92.00
CARBON MONOXIDE	GC	Mini-can(156)	92.00
CHLORAMINES	IC	chloramine filter(129)	160.00③
CHLORINE	IC	Ag filter (71)	81.00
CHLORINE DIOXIDE	IC	Special impinger solution(93)	81.00③
o-CHLOROBENZYLIDENE MALONONITRILE	LC	Teflon filter and tenax tube(42)	125.00③

ANALYTE	METHOD	MEDIA (#)	FEE
CHLOROTRIFLUOROMETHYL BENZENE	GC	Charcoal tube (1,2), badge (128*)	57.00
COAL TAR PITCH VOLATILES	GV	Glass fiber filter(9)	85.00③
plus OSHA 58 (5 PAHs)	LC		230.00③
COATINGS (EPA method 24 or 24A)	GC	Double seal can	350.00
COBALT	ICP	MCE (14), PVC (15,160,175), Wipes(131, 181) & Bulks	See METALS
COMBUSTIBLE DUST (non-deflagration)	WET	1 Liter Bottle	300.00
COPPER	ICP	MCE (14), PVC (15,160,175), Wipes(131, 181) & Bulks	See METALS
CRESOL	LC	XAD-7 tube (27)	117.00
CRISTOBALITE (See Silica)	XRD	PVC filter(15, 136, 175*)	See silica
CUMENE (ISOPROPYL BENZENE)	GV	Charcoal tube (1,2), badge (128*)	57.00
CYANIDE/HYDROGEN CYANIDE	IC UVV	Soda lime tube(44)	120.00③
CYCLOHEXANE	GC	Charcoal tube (1,2), badge (128*)	57.00
CYCLOHEXANONE	GC	Chromosorb 106 (13)	57.00
DESFLURANE	GC	Charcoal tube (1,2), badge (128*)	57.00
DIACETYL	GC	2 silica gel tubes(169)	120.00
DIESEL EXHAUST (Elemental Carbon)	ECOC	Quartz filter(120)	74.00
DIETHANOLAMINE	IC	H_3PO_4 coated XAD-7 tube(63)	125.00
DIETHYL AMINE	IC	H_3PO_4 coated XAD-7 tube(63)	125.00
DIETHYLAMINOETHANOL	GC	H_3PO_4 coated XAD-7 tube(63)	160.00
DIETHYLENETRIAMINE	LC	NITC tube (47)	125.00③

ANALYTE	METHOD	MEDIA (#)	FEE
DIISOBUTYL KETONE	GC	Charcoal tube (1,2), badge (128.1*)	57.00
DIMETHYL AMINE	IC	H_3PO_4 coated XAD-7 tube(63)	125.00
DIMETHYLAMINOETHANOL	GC	H_3PO_4 coated XAD-7 tube(63)	160.00
DIMETHYLETHYL AMINE	IC	H_3PO_4 coated XAD-7 tube(63)	125.00
DUST (Respirable or Total)	GV	preweighed PVC (15,136,175*)	28.00
ELEMENTAL CARBON	ECOC	Quartz filter(120)	74.00
ENFLURANE	GC	Charcoal tube (1,2), badge (128*)	57.00
ETHANOLAMINE	IC	H_3PO_4 coated XAD-7 tube(63)	125.00
ETHYL ACETATE	GC	Charcoal tube (1,2), badge (128*)	57.00
ETHYL ALCOHOL	GC	Anasorb 747 (174)	57.00
ETHYL AMINE	IC	H_3PO_4 coated XAD-7 tube(63)	125.00
ETHYL BENZENE	GC	Charcoal tube (1,2), badge (128*)	57.00
ETHYL CYANOACRYLATE	LC	H_3PO_4 treated XAD 7 tube (63)	125.00③
ETHYLENE DIAMINE	LC	NITC tube (47)	125.00③
ETHYLENE GLYCOL	GC	OVS-7 tube (116)*	85.00
ETHYLENE OXIDE	GC	HBr treated charcoal tube (66)	150.00③
FIBERGLASS	PCM	PCM filter (22)	40.00
FLUORIDE/HYDROGEN FLUORIDE	ISE	F/HF Filter (74)	150.00③
FORMALDEHYDE	GC	HMP treated XAD-2 tube (10)	73.00
	LC	DNPH Sep-Pack(138)* or Badge(167)*	99.00
FORMIC ACID (See Acids)	IC	Acid mist tube (6)	58.00

*=media charge ③ = 3 sample minimum

ANALYTE	METHOD	MEDIA (#)	FEE
GASES	GC	Mini-can(156)	92.00
Carbon dioxide, carbon monoxide, nitrous oxide, methane, propane. Call lab for gases not listed			
GLUTARALDEHYDE	LC	DNPH coated glass fiber filter (70)	99.00
GLYCOL ETHERS (See Solvents)			
HALOTHANE	GC	Badge (128*), small Anasorb 747 tube (103)	57.00
HEXANE	GC	Charcoal tube (1,2), badge (128*)	57.00
HEXAMETHYLENETETRAMINE	ISE	MCE (14) in water	160.00③
HEXAVALENT CHROMIUM	IC	PVC filter(86), NaOH Quartz filter (159), 25mm PVC (161)	82.00
Additional charge for analysis on paint-related samples			41.00
HYDROCARBONS	GC	Charcoal tube or badge(1,2,128*)	57.00
HYDROBROMIC ACID (see Acids)	IC	Acid mist tube (6)	58.00
HYDROCHLORIC ACID (see Acids)	IC	Acid mist tube (6)	58.00
HYDROFLUORIC ACID (see Acids)	IC	Acid mist tube (6)	58.00
HYDROGEN PEROXIDE	UVV	Hydrogen peroxide filter (177)	70.00③
HYDROGEN SULFIDE	IC	Large Anasorb 747 tube(174)	82.00③
HYDROQUINONE	LC	H_3PO_4 coated XAD-7 tube (63)	99.00③
HYDROZOIC ACID, AZIDES	IC	Special tube (155)	122.00③
INHALABLE DUST	GRAV	Specially loaded IOM	See Weights or Metals
IODINE	ISE	SO_2 tube (106)	99.00③
IRON	ICP	MCE (14), PVC (15,160,175), Wipes(131, 181) & Bulks	See METALS

ANALYTE	METHOD	MEDIA (#)	FEE
ISOCYANATES	LC	Treated glass fiber filter (124)	
Hexamethylene Diisocyanate (HDI); Homopolymer of HDI, Isophorone Diisocyanate (IDI), Methylene Biscyclohexyl Isocyanate (DESW/HDMI), Methylene Bisphenyl Isocyanate (MDI); Polymeric MDI (PAPI), 2,4-Toluene Diisocyanate, 2,6-Toluene Diisocyanate.			
First isocyanate			110.00
Each additional			53.00
Isocyanate Scan: see list above.			220.00
ISOFLURANE	GC	Anasorb 747 tube (103), badge (128*)	57.00
ISOPROPYL BENZENE (CUMENE)	GC	Charcoal tube (1,2), badge(128.1*)	57.00
LEAD (Environmental)	ICP	Paint, Soil, Wipe (181)	40.00
LEGIONELLA (water, wipes, swabs)	Culture	Legionella kit (146)	130.00
LIMONENE	GC	Charcoal tube (1,2), badge(128 or 128.1*)	57.00
LITHIUM	ICP	MCE (14), PVC (15,160,175), Wipes(131, 181) & Bulks	See METALS
MAGNESIUM	ICP	MCE (14), PVC (15,160,175), Wipes(131, 181) & Bulks	See METALS
MANGANESE	ICP	MCE (14), PVC (15,160,175), Wipes(131, 181) & Bulks	See METALS
MALEIC ANHYDRIDE	LC	Call for sampling instructions	150.00③
MEK (2-butanone)	GC	ORBO 91 tube(45),badge (128*)	57.00
MEK PEROXIDE	UVV	XAD-4 tube(38)	112.00③
MERCURY	CVAA	Tube (83)	54.00③
		Wipe (131)	69.00③

METALS (see page 32 for scan details) ICP MCE (14), PVC (15,160,175), Wipes(131, 181) & Bulks

Al Aluminum	Ca Calcium	Fe Iron	Ni Nickel	Sr Strontium
As Arsenic	Cd Cadmium	Li Lithium	Pb Lead	Ti Titanium
B Boron	Co Cobalt	Mg Magnesium	Sb Antimony	Tl Thallium
Ba Barium	Cr Chromium	Mn Manganese	Se Selenium	V Vanadium
Be Beryllium	Cu Copper	Mo Molybdenum	Sn Tin	Zn Zinc
Bi Bismuth				

Any combination of the following metals may be included in a multi-component analysis:

Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Li,
Mg, Mn, Mo, Ni, Pb, Sb, Se, Sn, Sr, Ti, Tl, V, Zn

If **heat** is involved in the process and oxides are required, please request a **fumes analysis**. Also, not all oxides are soluble per our scan method. Please contact the lab if your oxide is not listed here: CaO, Fe_2O_3, MgO, ZnO,

First component	40.00
Each additional component	9.00
add additional for bulk prep	10.00
add additional for weights on preweighed PVC	28.00
Basic metals scan dust (Al, As, Cr, Cu, Fe, Mg, Mn, Ni, Pb, Zn)	90.00
Basic metals scan fumes (Al, As, Cr, Cu, Fe2O3, MgO, Mn, Ni, Pb, ZnO)	90.00
Expanded metals scan dust (Basic Scan metals plus: Be, Cd, Co, Mo, Sb, Ti, V)	130.00
Expanded metals scan fumes(Basic Scan fumes plus: Be, Cd, Co, Mo, Sb, Ti, V)	130.00
Full metals scan dust (Basic and Expanded Scan metals plus: Ba, Bi, B, Ca, Li, Se, Sr, Tl, Sn)	195.00
Full metals scan fumes (Basic and Expanded Scan fumes plus: Ba, Bi, B, CaO, Li, Se, Sr, Tl, Sn)	195.00

ANALYTE	METHOD	MEDIA (#)	FEE
Non-Routine Elements & Compounds			
Silver	ICP		40.00
Silver needs to be digested in nitric acid only (our regular digestion is nitric and hydrochloric acids). For this reason if silver is required, a nitric-only digestion will be done. Any other elements may be done with silver, except Sb and Sn (they require the hydrochloric acid).			
Na, K, NaOH, KOH	ICP	Special clear band filter for Na, K (86)	40.00
Na Polyacrylate	CS	Special low sodium filter (130)	48.00
METAL WORKING FLUIDS	GRAV	Preweighed teflon filter (122)	28.00
	EXTRACTION	add	81.00
METHACRYLIC ACID	LC	Anasorb 708. 2 tubes in series (121)	99.00③
METHANE	GC	Mini-can (156)	92.00
METHYL AMINE	IC	H_3PO_4 coated XAD-7 tube(63)	125.00
METHYL AMYL KETONE	GC	Charcoal tube(1,2), badge (128.1*)	57.00
METHYL ISOBUTYL KETONE	GC	Charcoal tube(1,2), badge (128 or 128.1*)	57.00
METHYL PYRROLIDINONE (N-)	GC	Charcoal tube(1,2), badge (128*)	57.00
METHYLENE-BIS-2-CHLOROANILINE (MOCA)	GC	MDA (61)	150.00③
METHYLENE CHLORIDE	GC	Orbo 91(45), charcoal tube (1,2), badge (128 or 128.1)*	57.00
METHYLENE DIANILINE (MDA)	GC	MDA (61)	150.00③
MICROSCOPIC ID	Microscopy		
Complete analysis			350.00
Single component			190.00

ANALYTE	METHOD	MEDIA (#)	FEE
MOLDS AND SPORES (see pages 4 & 5)	Culture	MCE filter (14) or agar plate	52.00
		Bulk or Whatman wipe (131)	62.00
	Total Spore Count	Air-O-Cell cassette(139)*	42.00
MOLYBDENUM	ICP	MCE (14), PVC (15,160,175), Wipes(131, 181) & Bulks	See METALS
NAPHTHALENE	GC	Chromosorb 106 tube (13)	57.00
NICKEL	ICP	MCE (14), PVC (15,160,175), Wipes(131, 181) & Bulks	See METALS
NICOTINE	GC	XAD-4 tube (38)	91.00③
NITRIC ACID (See Acids)	IC	Acid mist tube (6)	58.00
NITROGEN DIOXIDE and/or NITRIC OXIDE	IC	NO_2 tube (91) or TEA-treated molecular sieve (90) if collected with NO.	59.00 each
NITROUS OXIDE	GC	Mini-can (156)	92.00
OIL MIST (See Metal working fluids)			
OZONE	IC	Special filter (36)	82.00
PARAFFIN WAX FUMES	GC	Glass fiber filter(9)	102.00③
PCBs	GC	OVS-2 tube (4)* or gauze wipe	
PCB air sample			146.00③
PCB wipe surcharge			10.00
PENTACHLOROPHENOL	LC	Special XAD-7 tube train (163) (SKC 226-97)	117.00③
PENTAMIDINE	LC	Special PVC Filter (41)	140.00③
PENTANE	GC	Charcoal tube(1,2), badge (128* or 128.1*)	57.00

ANALYTE	METHOD	MEDIA (#)	FEE
PENTANONE (2-)	GC	Charcoal tube(1,2), badge (128* or 128.1*)	57.00
PERCHLORATES/PERCHLORIC ACID	ISE	Midget impinger with DI-Water	110.00③
PESTICIDES BY GC	GC	OVS-2 tube (4)*, gauze wipe or bulk	
Single pesticide			115.00③
Additional			60.00
Pesticide Scan (entire list in scan section)			410.00③
Wipes & Bulks surcharge			10.00
PESTICIDES BY LC	LC	Glass fiber filter(9) or OVS-2 tube(4)*	140.00③
PHENOL/CRESOL	LC	XAD-7 tube (27)	
First compound			96.00
Second compound			32.00
PHENOLS (OTHER)	LC	Special XAD-7 tube train (163) (SKC 226-97)	
dichlorophenol, 4 chloro-3-methyl phenol, pentachlorophenol, trichlorophenol, phenol, cresol			
First compound			117.00③
Each additional			32.00③
PHOSPHORIC ACID (See Acids)	IC	Acid mist tube (6). H_3PO_4 and H_2SO_4 can be collected on MCE(14)	58.00
PHTHALATES	GC	OVS Tenax tube (117)*	
Di(ethylhexyl), Dibutyl, Diethyl, Dimethyl, Di-n-octyl, Di-n-hexyl, Diisononyl, Diisodecyl, Diisobutyl, Dicyclohexyl, Butyl benzyl			

ANALYTE	METHOD	MEDIA (#)	FEE
First phthalate			98.00③
Each additional			45.00
PHTHALIC ANHYDRIDE	LC	Veratrylamine filter (111)	150.00③
POLYNUCLEAR AROMATIC HYDROCARBONS (PAHs or PNAs)	LC	Glass fiber filter(9) or OVS2 tube(4)*	
Single PAH			125.00
Each additional			40.00
OSHA 58 Scan: Anthracene, Benzo(a)pyrene, Chrysene, Phenanthrene, Pyrene			230.00
11 PAH Scan: Anthracene, Benz(a)anthracene, Benzo(a)pyrene, Chrysene, Coronene, Fluoranthene, 3-Methylcholanthrene, Naphthalene, Perylene, Phenanthrene, Pyrene			350.00
PROPANE	GC	Mini-can(156)	92.00
PROPIONIC ACID (See Acids)	IC	Acid mist tube (6)	58.00
RESCORCINOL	GC	XAD-7 tube (116)	94.00
RESPIRABLE OR TOTAL DUST	GRAV	Pre-weighed PVC filter (15,136,160,175)	28.00
SELENIUM	ICP	MCE (14), PVC (15,160,175), Wipes(131, 181) & Bulks	See METALS
SILICA - AIR	XRD	PVC filter(15, 136,160), PPI(175)*	
Quartz Only			81.00
Respirable Silica (quartz and cristobalite combined)			95.00
Quartz, cristobalite and tridymite. *Please call lab for issues regarding analysis of tridymite*			109.00

Silica analysis prices are the same with or without weight analysis

ANALYTE	METHOD	MEDIA (#)	FEE
SILICA - BULK			
Quartz, cristobalite, tridymite			
First compound			112.00
Each additional			14.00
SODIUM AZIDE	IC	Special tube (155)	150.00③
SODIUM POLYACRYLATE	ICP	Special low sodium filter(130)	48.00
SOLVENTS	GC	Charcoal tube(1,2), 747 tube(174), ORBO 91(45) tube or badge(128 or 128.1)*	
First substance			57.00
Each additional substance			24.00
Solvent Scan A or B (see pages 20-23 for details)			210.00
Total VOCs as toluene or hexane			57.00
SPORES AND FUNGI (see pages 4 & 5)	Culture	MCE filter (14), agar plate	52.00
		Bulk , swab, wipe	62.00
	Total spore count	Air-O-Cell cassette(139)*	42.00
STRONTIUM	ICP	MCE (14), PVC (15,160,175), Wipes(131, 181) & Bulks	See METALS
STYRENE	GC	TBC Charcoal (112), Charcoal tube large (2), badge (128* or 128.1*)	57.00
SULFUR DIOXIDE	IC	SO_2 filter (171),	58.00
SULFURIC ACID (See Acids)	IC	Acid mist tube (6). H_3PO_4 and H_2SO_4 can be collected on MCE(14)	58.00
TETRACHLOROETHANE	GC	Charcoal tube(1,2), badge (128* or 128.1)	57.00

ANALYTE	METHOD	MEDIA (#)	FEE
THALLIUM	ICP	MCE (14), PVC (15,160,175), Wipes(131, 181) & Bulks	See METALS
TITANIUM	ICP	MCE (14), PVC (15,160,175), Wipes(131, 181) & Bulks	See METALS
TITANIUM DIOXIDE (weight only)	GRAV	Preweighed PVC filter (15,160)	28.00
TOLUENE	GC	Charcoal tube (1,2), badge(128* or 128.1)	57.00
TOTAL or RESPIRABLE DUST	GRAV	preweighed PVC filter(15,160,175*)	28.00
TOTAL VOCs AS HEXANE	GC	Charcoal tube(1,2), badge (128* or 128.1*)	57.00
TRICHLOROETHYLENE	GC	Charcoal tube(1,2), badge (128* or 128.1*)	57.00
TRIETHANOLAMINE	IC	H_3PO_4 coated XAD-7 tube(63)	125.00
TRIETHYLENETETRAMINE	LC	NITC tube (47)	125.00③
TRIETHYL AMINE	IC	H_3PO_4 coated XAD-7 tube(63)	125.00
TRIGLYCIDYL ISOCYANURATE	GC	Fiberglass Filter(9)	140.00
TRIMELLETIC ANHYDRIDE	LC	Veratrylamine filter (111)	150.00③
TRIMETHYL AMINE	IC	H_3PO_4 coated XAD-7 tube(63)	125.00
TRIMETHYL BENZENES	GC	Charcoal tube(1,2), badge (128*)	57.00
VANADIUM	ICP	MCE (14), PVC (15,160,175), Wipes(131, 181) & Bulks	See METALS
VINYL CHLORIDE	GC	ORBO 91 tube (45)	85.00
VOCs (See Solvents)	GC	Charcoal tube(1,2), or badge(128*)	57.00
XYLENE	GC	Charcoal tube(1,2) or badge(128* or 128.1*)	57.00

ANALYTE	METHOD	MEDIA (#)	FEE
WEIGHTS	GRAV	preweighed PVC filter(14,160,175*)	28.00
ZINC	ICP	MCE (14), PVC (15,160,175), Wipes(131, 181) & Bulks	See METALS

*=media charge ③ = 3 sample minimum

WOHL Scans

Scan: Aldehyde Scan
Media: DNPH /Seppak (138) Cost: $325.00 per sample Analytes included:
- Acetaldehyde
- Acetone
- Benzaldehyde
- Butyraldehyde
- 2,5-Dimethylbenzaldehyde
- Formaldehyde
- Hexanaldehyde
- Isovaleraldehyde
- Methyl Ethyl Ketone (MEK)
- Proprionaldehyde
- m&p-Tolualdehyde
- o-Tolualdehyde
- Valeraldehyde

Scan: PAH 5
Media: OVS-2 (4)
Cost:$230.00
Analytes included:
- Anthracene
- Benzo(a)pyrene
- Chrysene
- Phenanthrene
- Pyrene

Scan: PAH 11
Media: OVS-2 (4)
Cost: $350.00
Analytes included:
- Anthracene
- Benz(a)anthracene
- Benzo(a)pyrene
- Chrysene
- Coronene
- Fluoranthene
- 3-Methylcholanthrene
- Naphthalene
- Perylene
- Phenanthrene
- Pyrene

Scan: Alcohols
Media: Large Anasorb 747 (174)
Cost:$210.00
Analytes Included:
- n-Butyl Alcohol
- Ethanol
- Isobutyl Alcohol
- Isopropyl Alcohol
- Methanol
- n-Propanol
- n- and sec-Butanol

Scan: Acrylates
Media: (112)
Cost:$210.00
Analytes included:
- Acetone
- Alpha-Methyl Styrene
- Methyl, Butyl & Ethyl Acrylate
- Butyl Methacrylate
- 2-Methoxyethyl Acrylate
- 2-Ethyl Hexyl Acrylate
- Ethyl Methacrylate
- Methyl Methacrylate
- Styrene

Scan: Inorganic Acid Mist I
Media: *acid mist tube (6)*
Cost: $125.00
Analytes Included:
- Hydrogen Fluoride (HF)
- Hydrogen Chloride (HCl)
- Hydrogen Bromide (HBr)
- Nitric Acid
- Phosphoric Acid
- Sulfuric Acid

Scan: Organic Acid Mist IV
Media: acid mist tube (6)
Cost:$125.00
Analytes included:
- Acetic Acid
- Butyric Acid
- Citric Acid
- Formic Acid
- Proprionic Acid

Scan: Isocyanate
Media: MDI filter (124)
Cost: $220.00 Analytes included:

- Hexamethylene Diisocyanate (HDI)
- Homopolymer of HDI
- Isophorone Diisocyanate (IPDI)
- Methylene Biscyclohexyl Isocyanate (DESW/HDMI)
- Methylene Bisphenyl Isocyanate (MDI)
- PAPI
- 2,4-Toluene Diisocyanate
- 2,6-Toluene Diisocyanate

The following can be done on Orbo 91 tube (45)
-Acetone
-Methyl Ethyl Ketone (MEK)
-Methyl Isobutyl Ketone (MIBK)
-Methylene Chloride
-1,1,1,2-Tetrafluoroethane

Scan: Amines
Media:H_3PO_4 coated XAD-7 tub (63)
Cost:$165.00
Analytes included:

- Diethanolamine
- Ethanolamine (*Monoethanolamine*)
- Trienthanolamine

Scan: Low Molecular Weight Aliphatic Amines
Media: H_3PO_4 coated XAD-7 tube (63)
Cost:$245.00
Analytes included:

- Diethylamine
- Dimethylamine
- Dimethylethylamine
- Ethylamine
- Methylamine
- Triethylamine
- Trimethylamine

Scan: Solvent Scan A

Media: Large (2) or small (1) charcoal tube,

Cost: $210.00

Analytes included:

- Acetone
- Benzene
- n-Bromopropane
- n-Butyl Acetate
- 1-Chloro-4-trifluoromethylbenzene (*Chlorobenzo-tri fluoride)*
- Cyclohexane
- Cyclohexanone
- Diisobutyl ketone
- Ethyl Acetate
- Ethyl Alcohol (*Ethanol)*
- Ethyl Benzene
- Hexane n
- Isopropyl Alcohol (*Isopropanol, 2-propanol*)
- Isopropylbenzene (*Cumene)*
- Limonene
- Methyl Amyl Ketone n-
- Methyl Ethyl Ketone (*MEK, 2-butanone)*
- Methyl isobutyl ketone (*MIBK, hexone, 4-Methyl-2-pentanone)*
- Methylene Chloride
- Methyl Methacrylate
- Pentane
- 2-Pentanone
- Styrene
- 4-tert-Butyltoluene
- Tetrachloroethene (*tetrachloroethylene)*
- Toluene
- Total VOC as hexane (*Naphtha, mineral spirits, Stoddard solvent)*
- Trichloroethene (*trichloroethylene)*
- Trimethylbenzenes
- Xylenes

Scan: Solvent Scan B
Media: Large (2) or small (1) charcoal tube,
Cost: $210.00
Analytes included:

- 2-Butoxyethanol CAS: 111-76-2
- Butyl Carbitol CAS: 112-34-5
- Butyl Cellosolve Acetate CAS: 112-07-2
- Diethyl Carbitol CAS: 112-36-7
- Dimethyl Adipate CAS: 627-93-0
- Dimethyl Glutarate CAS: 1119-40-0
- Dimethyl Succinate CAS: 106-65-0
- Dipropylene Glycol Methyl Ether (*DPGME)* CAS: 34590-94-8
- 2-Ethoxyethanol CAS: 110-80-5
- Ethyl-2-pyrrolidone CAS: 2687-91-4
- Methyl Cellosolve CAS: 109-86-4
- 1-Methyl-2-Pyrrolidinone CAS: 872-50-4
- PG Methyl Ether Acetate (*PGMEA)* CAS: 108-65-6
- 2-Propoxyethanol CAS: 2807-30-9
- n-Propoxy Propanol CAS: 1569-01-3
- Propylene Glycol Butyl Ether CAS: 5131-66-8
- Propylene Glycol Ethyl Ether CAS: 1569-02-4
- Propylene Glycol Methyl Ether CAS: 107-98-2

Solvent Scan on TraceAir II 525 Organic Vapor Monitor

Cost: $210.00 for analysis and $15 for badge

Collection:

The sample is extracted with a 97:3 (v/v) Carbon disulfide:Benzyl Alcohol solution and analyzed by gas chromatography equipped with a flame ionization detector (GC-FID).

AT525 Badge has a faster uptake rate best for IAQ or concentrations <10 PPMs.

Analytes:

- 2-Butoxyethanol CAS# 111-76-2 – 5.4 ug/sample
- Acetone CAS# 67-64-1 – 3.2 ug/sample
- Benzene CAS# 71-43-2 – 3.4 ug/sample
- Bromopropane (1-) CAS# 106-94-5 – 5.4 ug/sample
- Butyl Cellosolve Acetate CAS# 112-07-2 – 5.2 ug/sample
- Chlorobenzene CAS# 108-90-7 – 4.4 ug/sample
- Chloroform CAS# 67-66-3 – 24 ug/sample
- Cyclohexane CAS# 110-82-7 – 5 ug/sample
- Cyclohexanone CAS# 108-94-1 – 4 ug/sample
- Ethanol CAS# 64-17-5 – 200 ug/sample
- Ethyl Benzene CAS# 100-41-4 – 3.4 ug/sample
- Isopropyl Alcohol CAS# 67-63-0 – 200 ug/sample
- Limonene CAS# 138-86-3 – 3.4 ug/sample
- Methyl Ethyl Ketone (MEK) CAS# 78-93-3 – 3.6 ug/sample
- Methyl Isoamyl Ketone CAS# 110-12-3 – 3.6 ug/sample
- Methyl Isobutyl Ketone CAS# 108-10-1 – 3.6 ug/sample
- Methylene Chloride CAS# 75-09-2 – 10.6 ug/sample
- Propylene Glycol Methyl Ether Acetate CAS# 108-65-6 – 5.6 ug/sample
- Pentane CAS# 109-66-0 – 10 ug/sample
- 2-Pentanone CAS# 107-87-9 – 3.2 ug/sample
- Propylene Glycol Methyl Ether CAS# 107-98-2 – 5.6 ug/sample
- Styrene CAS# 100-42-5 – 3.8 ug/sample
- Tetrachloroethene CAS# 127-18-4 – 6.4 ug/sample
- Toluene CAS# 108-88-3 – 3.4 ug/sample
- Total VOC as Hexane – 2.6 ug/sample
- Trichloroethene CAS# 79-01-6 – 5.8 ug/sample
- Xylene (Total) CAS# 1330-20-7 – 3.4 ug/sample
- n-Heptane CAS# 142-82-5 – 2.8 ug/sample
- n-Hexane CAS# 110-54-3 – 2.6 ug/sample

Solvent Scan on AT566 Organic Vapor Monitor

Cost: $210 for analysis, $13 for badge

Collection:

The sample is extracted with a 97:3 (v/v) Carbon disulfide:Benzyl Alcohol solution and analyzed by gas chromatography equipped with a flame ionization detector (GC-FID).

AT566 badge has slower uptake rates and best for 8 hour sampling.

Analytes:

- 2-Butoxyethanol CAS# 111-76-2 – 5.4 ug/sample
- Acetone CAS# 67-64-1 – 3.2 ug/sample
- Benzene CAS# 71-43-2 – 3.4 ug/sample
- Bromopropane (1-) CAS# 106-94-5 – 5.4 ug/sample
- Butyl Acetate (n-) CAS# 123-86-4 – 3.6 ug/sample
- Butyl Cellosolve Acetate CAS# 112-07-2 – 5.2 ug/sample
- Chlorobenzene CAS# 108-90-7 – 4.4 ug/sample
- Chloroform CAS# 67-66-3 – 24 ug/sample
- Cyclohexane CAS# 110-82-7 – 5 ug/sample
- Cyclohexanone CAS# 108-94-1 – 4 ug/sample
- Diisobutyl Ketone CAS# 108-83-8 – 6.4 ug/sample
- Ethanol CAS# 64-17-5 – 200 ug/sample
- Ethyl Benzene CAS# 100-41-4 – 3.4 ug/sample
- Isopropyl Alcohol CAS# 67-63-0 – 200 ug/sample
- Isopropylbenzene (Cumene) CAS# 98-82-8 – 3.4 ug/sample
- Limonene CAS# 138-86-3 – 3.4 ug/sample
- Methyl Amyl Ketone (MAK) CAS# 110-43-0 – 3.2 ug/sample
- Methyl Ethyl Ketone (MEK) CAS# 78-93-3 – 3.6 ug/sample
- Methyl Isoamyl Ketone CAS# 110-12-3 – 3.6 ug/sample
- Methyl Isobutyl Ketone CAS# 108-10-1 – 3.6 ug/sample
- Methyl Methacrylate CAS# 80-62-6 – 19.6 ug/sample
- Methylene Chloride CAS# 75-09-2 – 10.6 ug/sample
- Propylene Glycol Methyl Ether Acetate CAS# 108-65-6 – 5.6 ug/sample
- Pentane CAS# 109-66-0 – 10 ug/sample
- 2-Pentanone CAS# 107-87-9 – 3.2 ug/sample
- Propylene Glycol Methyl Ether CAS# 107-98-2 – 5.6 ug/sample
- Styrene CAS# 100-42-5 – 3.8 ug/sample
- Tetrachloroethene CAS# 127-18-4 – 6.4 ug/sample
- Toluene CAS# 108-88-3 – 3.4 ug/sample
- Total VOC as Hexane – 2.6 ug/sample
- Trichloroethene CAS# 79-01-6 – 5.8 ug/sample
- Xylene (Total) CAS# 1330-20-7 – 3.4 ug/sample
- n-Heptane CAS# 142-82-5 – 2.8 ug/sample
- n-Hexane CAS# 110-54-3 – 2.6 ug/sample

GC Pesticides by modified EPA 8081 and OSHA 62, 67, 70

Collection:

These analytes can be collected on an OVS-2 (SKC 226-58). The sample is extracted with Toluene and analyzed by gas chromatography equipped with an electron capture detector (GC-ECD) or flame ionization detector (GC-FID). The recommended flow rate is 1.0 LPM for 60 to 480 minutes (60-480 L). The fee for a Pesticide scan is $410.00/sample plus $13.00 OVS-2 media charge.

Analytes included in Pesticide Scan:

1. Aldrin (CAS#: 309-00-2) – 10 ng
2. alpha-BHC (CAS#: 319-84-6)
3. beta-BHC (CAS#: 319-85-7)
4. delta-BHC (CAS#: 319-86-8)
5. gamma-BHC (Lindane) (CAS#: 58-89-9)
6. cis-Chlordane (CAS#: 5103-71-9)
7. trans-Chlordane (CAS#: 5103-74-2)
8. p,p-DDD (CAS#: 72-54-8) – 10 ng
9. p,p-DDE (CAS#: 72-55-9) – 10 ng
10. p,p-DDT (CAS#: 50-29-3) – 10 ng
11. Dieldrin (CAS#: 60-57-1) – 10 ng
12. Endosulfan I (CAS#: 959-98-8)
13. Endosulfan II (CAS#: 33213-65-9)
14. Endosulfan sulfate (CAS#: 1031-07-8)
15. Endrin (CAS#: 72-20-8) – 10 ng
16. Endrin aldehyde (CAS#: 7421-93-4)
17. Endrin ketone (CAS#: 53494-70-5)
18. Heptachlor (CAS#: 76-44-8) – 10 ng
19. Heptachlor epoxide (CAS#: 1024-57-3) - 0.2 ug
20. Methoxychlor (CAS#: 72-43-5)

Individually requested analytes:

The fee for an individual analyte is $115/sample -1st analyte; each additional is $60/sample

1. Bifenthrin – 10 ng
2. Captan (CAS#: 133-06-2) – 10 ng
4. Chlorethoxyfos (CAS#: 54593-83-8) – 0.2 ug
5. Chlorothanlonil (CAS#: 1897-45-6) – 10 ng
6. Chlorpyrifos (CAS#: 2921-88-2) – 10 ng
7. Cyfluthrin (CAS#: 68359-37-5) – 10 ng
8. Cypermethrin (CAS#: 52315-07-8) – 0.3 ug
9. Deltamethrin (CAS#: 52918-63-5) – 1 ug
10. Diazinon (CAS#: 333-41-5) – 10 ng
11. Dichlorvos (CAS#: 62-73-7) – 10 ng
12. Dimethoate (CAS#: 60-51-5) – 0.2 ug
13. Esfenvalerate (CAS#: 66230-04-4) – 1 ug
14. Ethyl Parathion (CAS#: 56-38-2) – 10 ng
15. Fipronil (CAS#: 120068-37-3) – 10 ng
16. Imidacloprid (CAS#: 138261-41-3) – 10 ng
17. Malathion (CAS#: 121-75-5) – 10 ng
18. Metofluthrin (CAS#: 240494-70-6) – 0.2 ug
19. Metribuzin (CAS#: 21087-64-9) – 10 ng
20. Pendimethalin (CAS#: 40487-42-1) – 10 ng
21. Permethrin (CAS#: 52645-53-1) – 1 ug

22. Propiconazole (CAS#: 60207-90-1) – 1 ug

23. Tebuconazole (CAS#: 107534-96-3) – 1 ug

24. Tefluthrin (CAS#: 79538-32-2) – 10 ng

25. Tetramethrin (CAS#: 7696-12-0) – 10 ng

26. Thiamethoxam (CAS#: 1537-23-4) – 10 ng

27. Trifluralin (Treflan) (CAS#: 1582-09-8) – 10 ng

GC Organophosphate Pesticides by modified EPA 8141B and OSHA 62, 67, 70

The lab does perform a variety of organophosphate pesticides testing. Below is a potential list of organophosphate pesticides we may be able to analyze for depending on availability of standards. Please call lab for details.

1. Aspon (CAS# 3244-90-4)
2. Azinphos-ethyl (CAS# 2642-71-9)
3. Azinphos-methyl (CAS#86-50-0)
4. Bolstar (Sulprofos) (CAS# 35400-43-2
5. Carbophenothion (CAS# 786-19-6)
6. Chlorfenvinphos (CAS# 470-90-6)
7. Chlorpyrifos (CAS# 2921-88-2)
8. Chlorpyrifos methyl (CAS# 5598-13-3)
9. Coumaphos (CAS# 56-72-4)
10. Crotoxyphos (CAS# 7700-17-6)
11. Demeton-O (CAS# 8065-48-3)
12. Demeton-S (CAS# 8065-48-3)
13. Diazinon (CAS# 333-41-5)
14. Dichlorofenthion (CAS# 97-17-6)
15. Dichlorvos (DDVP) (CAS# 62-73-7)
16. Dicrotophos (CAS# 141-55-2)
17. Dimethoate (CAS# 60-51-5)
18. Dioxathion (CAS# 78-34-2)
19. Disulfoton (CAS# 298-04-4)
20. EPN (CAS# 2104-64-5)
21. Ethion (CAS#563-12-2)
22. Ethoprop (CAS# 13194-48-4)
23. Famphur (CAS# 52-85-7)
24. Fenitrothion (CAS# 122-14-5)
25. Fensulfothion (CAS#115-90-2)
26. Fenthion (CAS# 55-38-9)
27. Fonophos (CAS#944-22-9)
28. Leptophos (CAS# 21609-90-5)
29. Malathion (CAS# 121-75-5)
30. Merphos (CAS# 150-50-5)
31. Mevinphos (CAS# 7786-34-7
32. Monocrotophos (CAS# 6923-22-4)
33. Naled (CAS# 300-76-5)
34. Parathion, ethyl (CAS# 56-38-2)
35. Parathion, methyl (CAS# 298-00-0
36. Phorate (CAS# 298-02-2)
37. Phosmet (CAS# 732-11-6
38. Phosphamidon (CAS# 13171-21-6)
39. Ronnel (CAS# 299-84-3)
40. Stirophos (Tetrachlorvinphos,Gardona (CAS# 22248-79-9)
41. Sulfotepp (CAS# 3689-24-5)
42. Tetraethyl pyrophosphate (TEPP)d (CAS# 107-49-3)
43. Terbufos 13071-79-9
44. Thionazin (Zinophos) 297-97-2
45. Tokuthion (Prothiofos) 34643-46-4
46. Trichlorfon 52-68-6
47. Trichloronate 327-98-0

METAL SCANS

		Aluminum	Arsenic	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Zinc	Antimony	Beryllium	Cadmium	Cobalt	Molybdenum	Titanium	Vanadium	Barium	Bismuth	Boron	Calcium	Lithium	Selenium	Strontium	Thallium	Tin
$90.00 BASIC SCAN		Al	As	Cr	Cu	Fe	Pb	Mg	Mn	Ni	Zn	Sb	Be	Cd	Co	Mo	Ti	V	Ba	Bi	B	Ca	Li	Se	Sr	Tl	Sn
	AIR	x	x	x	x	x	x	x	x	x	x																
WHATMAN	WIPE	x	x	x	x	x	x	x	x	x	x																
LYNX	WIPE	x	x	x	x	x	x	x	x	x	x																
GHOST	WIPE	x	x	x	x	x	x	x	x	x	x																
	BULK (+$10)	x	x	x	x	x	x	x	x	x	x																
$130.00 EXPANDED		Al	As	Cr	Cu	Fe	Pb	Mg	Mn	Ni	Zn	Sb	Be	Cd	Co	Mo	Ti	V	Ba	Bi	B	Ca	Li	Se	Sr	Tl	Sn
	AIR	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x									
WHATMAN	WIPE	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x									
LYNX	WIPE	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x									
GHOST	WIPE	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x									
	BULK (+$10)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x									
$195.00 FULL SCAN		Al	As	Cr	Cu	Fe	Pb	Mg	Mn	Ni	Zn	Sb	Be	Cd	Co	Mo	Ti	V	Ba	Bi	B	Ca	Li	Se	Sr	Tl	Sn
	AIR	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
WHATMAN	WIPE	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x
	BULK (+$10)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x

A variety of metals can be collected on the same filter; however, some need to be collected separately due to solubility differences. Please call the lab if you have questions about which metals can be collected together. Pricing for ICP analysis is as follows: The first metal on a filter is $40. Each additional metal on the same filter is $9. For special metals such as mercury and silver, please see the alphabetical listing. There is an additional $10 prep charge per sample for bulks. Please note that oxide compounds cannot be determined specifically. The metal content is determined and a conversion factor is applied. The ICP determines metal content, which may or may not include all compounds of that metal. If you are interested in metal oxides, you should call the lab to determine the best sampling strategy.