

Fee schedule for common analyses

Industrial Hygiene Laboratory Services from Liberty Mutual Insurance

This fee schedule gives a listing of prices for the most frequently requested analyses. If the analysis you require is not listed, please contact us for a price estimate.

Turnaround: Standard turnaround is five business days unless otherwise noted.

Rush analysis can be arranged with *prior notification and approval*.

Surcharges for RUSH requests, from the time of receipt in the lab, are:

One business day – 200% (*not available for some analysis*)

Two business days – 150% **Three business days – 75%**

Effective January 1 through December 31, 2024

Metals

	First	Additional
Common metals by ICP ^{1,4}	\$40	\$29
Titanium dioxide ^{3,5}	\$75	
Chromium VI (paint) ^{1,4}	\$120	
Chromium VI (soluble) ^{1,4}	\$90	
13 metal scan (welding fume scan) ^{1,2,4}	\$170	
20 metal scan ^{1,2,4}	\$210	

Microscopy

Asbestos fiber count (PCM)	\$40	
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Gravimetric analysis

Dust (carbon black (NIOSH 5000), oil mist, respirable, welding fume)	\$31	
Inhalable dust	\$45	
Condensed oil/particulate	\$55	

High performance liquid chromatography (HPLC)

Common HPLC (aldehydes & isocyanates)	\$110	\$52
Amines (if collected on NITC tubes) ³	\$190	\$90
Aldehyde scan	\$270	
Isocyanate scan	\$235	
Pharmaceuticals ^{3,5}	\$190	

Ion chromatography (IC)

Common IC (inorganic acids, anion & cation) ⁴	\$88	\$44
Chlorine dioxide ³	\$95	
Chlorine & bromine ³	\$95	
Fluorides (gaseous and particulate) ^{3,4}	\$128	
Organic acids (such as formic, acetic, butyric, lactic, propionic)	\$88	\$44
Ozone	\$88	
Inorganic and organic acid scan	\$195	

Silica (by XRD)

	Air	Bulk ⁵
Quartz	\$80	\$250
Quartz and cristobalite	\$100	\$250

Solvents

Common solvents

	First	Additional
Solid sorbent tubes (CT, SGT, etc.)	\$60	\$35
Organic vapor monitors (566AT)	\$78	\$35
GC/MS Scan (15 analytes quantified)	\$300	

Other solvents

Ethylene oxide (sorbent tube/passive monitor)	\$116 / \$139	
Glycols and phthalates ³	\$110	\$45
Organo sulfur compounds ³	\$110	\$60
Mixtures on tubes or sorbent tubes in series	\$85	\$35
1,3,5 Triglycidyl isocyanurate ³	\$200	
Naphthalene	\$95	

Special methods analyses

Aminoethanols	\$105	\$50
Asphalt fume (NIOSH 5042)	\$95	
Carbon black (OSHA 196) ³	\$120	
Coal tar pitch volatile, BSF	\$95	
Gas analysis (Grade D Air) ⁵	\$175	
Gas analysis (Medical Air) ⁵	\$195	
Hydrogen peroxide ^{3,4}	\$110	
Metal working fluids (NIOSH 5524)	\$95	
PNA scan (NIOSH 5506) ³	\$350	
PNA scan (OSHA 58)	\$220	
Specialty metals by ICP ³	\$75	\$35

Prices are subject to change without notice.

Special charges/Notes

1. Preparation charge applies to bulk and wipes: \$20 per sample.
2. Customized reporting: Call for pricing. Pricing will be based on current IH hourly rate dictated by HMS service.
3. Three sample minimum required.
4. Media charge applies to some specialty media such as PPI and treated filters.
5. Standard turnaround is 10 business days.

Sample blanks

Sample blanks are recommended for all sampling activities and are charged at the same rate as the sample.

Sampling guide

Sampling Guide provides further information about air sampling and our lab services. The Sampling Guide may be accessed by contacting the lab (lmihlaboratory@libertymutual.com) or for our policy holders via Liberty Mutual SafetyNet™.

Terms and conditions

The following statements describe the terms and conditions under which the Liberty Mutual Industrial Hygiene Laboratory (LMIHL) operates.

- The client is responsible for the condition and custody of all samples prior to receipt, inspection and acceptance by LMIHL.
- LMIHL requires authorization in writing when requesting additional distribution of lab reports to other than the client.
- Report will only contain analytical data. LMIHL is not in the position to interpret data as they pertain to regulations, calculation of time-weighted average exposures from analytical results, etc.

Prices are subject to change without notice.

Equipment rental

Inhalable samplers: \$20 each per sampler (two week maximum); Calibrator adaptor: \$10 per week additional.

Sampling devices and media

Sampling pumps and compressed gas analysis media

Pre-calibrated air sampling pumps and gas analysis (Grade D or Medical Gas) air sampling equipment are loaned at no charge for two weeks. At least one week notice prior to your "need by date" is required by the lab. After two weeks, rental charges of \$15 per day per pump, or per gas cylinder or filter will apply. Unreturned and damaged equipment will be charged at cost. Please contact the lab for additional information.

How to reach the lab

lmihlaboratory@libertymutual.com

1-800-230-6263

Return policy

Common media is provided at no cost when returned to laboratory for analysis within 30 days. After 30 days, unreturned media will be invoiced at cost plus shipping. Returned unused specialty media that cannot be reused (isocyanates filters, aldehyde badges, sorbent tubes, ozone filters, etc.) will be charged at cost plus shipping.

Shipping

UPS ground shipping within the 48 states is provided for sampling media at no extra charge. Return shipping is the client's responsibility. Rush and international shipping charges will be added to analysis fees. Media orders for same day shipping must be submitted by 2 p.m. Eastern Time, Monday through Friday. Media requiring cold shipping cannot be delivered over the weekend. Order the media by contacting the lab.

Common analytes

Common Aldehydes: Acetaldehyde, Acrolein, Formaldehyde, Benzaldehyde, Butyraldehyde, Valeraldehyde, and Propionaldehyde.

Common Isocyanates: Hexamethylene Diisocyanate (HDI), Isophorone Diisocyanate (IPDI), Methylene Bis-phenyl Isocyanate (MDI), Toluene-2,4-Diisocyanate (2,4-TDI), Toluene-2,6-Diisocyanate (2,6-TDI).

Common Metals: Aluminum, Antimony, Arsenic, Barium, Beryllium, Calcium, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Molybdenum, Nickel, Potassium, Selenium, Sodium, Silver, Strontium, Tin, Titanium, Thallium, Vanadium, Zinc.

Specialty Metals: Arsenic Trioxide, Arsine, Beryllium Oxide, Bismuth, Boron, Germanium, Indium, Lithium, Phosphorus, Phosphine, Platinum, Tellurium, Titanium Dioxide, Tungsten, Yttrium, Zirconium.

Welding Fume: Includes Antimony, Beryllium, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Manganese, Molybdenum, Nickel, Vanadium, Zinc.

20 Metal Scan: Aluminum, Antimony, Arsenic, Beryllium, Calcium, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Nickel, Selenium, Tin, Titanium, Thallium, Vanadium, Zinc.

Inorganic Acid Scan: Hydrogen Bromide, Hydrogen Chloride, Hydrogen Fluoride, Nitric Acid, Phosphoric Acid, Sulfuric Acid.

Organic Acid Scan: Acetic Acid, Butyric Acid, Formic Acid, Propionic Acid.

Organo Sulfur Compounds: Carbon Disulfide, Dimethyl Sulfide, etc.

Solvent Mixtures: Mineral Spirits, Naphthas, Stoddard Solvents, TVOC, Kerosene, etc.