The National Bureau of Standards, in accordance with law, makes tests and carries out investigations for other government departments. Because of the large amount of this official work, and the desire to avoid competition with commercial laboratories, the Bureau does not make chemical analyses for the public except under certain unusual circumstances (see National Bureau of Standards Letter Circular 209, "General Policy of the Bureau of Standards with regard to Testing").

This list, alphabetically arranged, has been prepared to inform persons interested in the location of other laboratories and the kinds of chemical analyses they state they are prepared to make.

The information contained herein was originally obtained from replies to a questionnaire, and has been supplemented in this edition by further information received concerning other laboratories. The Bureau has not attempted to determine the qualifications of the laboratories listed for the various fields of work indicated.

The kinds of analyses made by the different laboratories are listed according to the following legend:

a - Gold and silver
b - Platinum metals
c - Ores and zinc, copper, iron; minerals, cements, ceramics, etc.
d - Coal, asphalt, fuel oils, etc.
e - Ferrous materials
f - Nonferrous materials
g - Oils, paint materials, detergents, rubber, etc.
h - Gas
Letter Circular 534 - 2.

**ALABAMA**

**Birmingham**

Fertig, George J.  
  c, e, f  
  Corner Bldg.

Hancock, David  
  a, b, c, e, f  
  Box 826

Hunt, R. W., Co.  
  Branch -- see Chicago, Ill.

Laverie, R. H. and Son, Inc.  
  Branch -- see New York.

Picard Testing Laboratories  
  b, c, e, f, g  
  Clark Eldg.

Pittsburgh Testing Laboratory  
  (Branch -- see Pa.)  
  Phoenix Eldg.

Southern Testing Labs., Inc.  
  2227 First Ave. South  
  a, b, c, d, e, f, g, h, specialize in all types of road  
  and building materials and general analysis

Williams, A.W., Inspection Co.  
  (See Mobile)  
  Box 97, Fairview Sta.

**Mobile**

Williams, A. W., Inspection Co.  
  P.O.Box 314  
  Specialize in g

**Montgomery**

Battle Laboratory  
  103 S. Court St.  
  Specialize in analysis of fertilizers, cottonseed products,  
  feed and food products.

**ALASKA**

**Fairbanks**

Alaska Agric. College and School of Mines  
  a, b, c, e, f, g, h, specialize in general analysis of  
  ores for prospectors and miners
Letter Circular 534 - 3.

ARIZONA

Bisbee

Motz Engineering Co. 
P.O. Box 919
a, c, e, f, specialize in gold, silver, copper, lead

Douglas

Hawley and Hawley
P.O. Box 151
c

Kingman

Householder, E. Ross
a, c; specialize in gold, silver, copper, lead and those metals contained in custom ores shipped to smelters, custom mills, samplers, etc.

Nogales

Miller's Assay Office 
315 N. First St.
a, c, d, specialize in metallic ores

Phoenix

Arizona Assay Office 
823 E. Van Buren St.
c, e, f

Arizona Testing Laboratories 
Glendale Ave. at 7th St.
c, e, f

Forman, John K. 
339 S. Stone Ave.
c

Tuscon

Pellegrin, A. L. and Son 
(7th St.
339 S. Stone Ave.
e to g inclusive

ARKANSAS

Little Rock

Barrow-Agee Laboratories 
339 S. Stone Ave.
(Branch - see Tennessee)
Letter Circular 534 - 4

CALIFORNIA

Berkeley

Univ. of Calif. Testing Lab., Dept. of Civil Eng.
Make no commercial tests which private companies in the locality can do. Special tests made when these companies are not equipped.

Calexico

A. L. Pellegrin & Son
(see Tucson, Ariz.)

112 Rockwood Ave.

Fresno

The Twining Laboratories

2527 Fresno St.
c, e, f, g.

Los Angeles

American Gas Association Testing Laboratories, 718 Towne Ave.
(See Cleveland, Ohio)

Atkin and McRae

747 S. Hill St.
a to g inclusive. Specialize in inorganic

Baverstock and Payne

233 W. First St.
a, b, c, d, e, f, g, h

California Testing Laboratories (Inc.)

1429 Santa Fe St.
a to h incl.
c, e, f, g.

Gooch, George W., Laboratories

1431 1/2 Santa Fe Ave.

c, g.

Herman, John

771 S. San Julian St.
a, b, c, e, f. Specialize in analysis connected with the
treatment of ores.

Hunt, Robert W. Co. Engineers
(Branch - see Chicago, Ill)

551 Chamber of Commerce
Bldg.

Laveric, R.H. & Sons, Inc.
(Branch - see New York)

Los Angeles Testing Laboratory

1300 S. Los Angeles St.
a to h incl.

Maas, Arthur R.

308 E. 8th St.
a to h incl. Specialize in general analytical work.

Raymond G. Osborne Laboratories

Rivers-Strong Bldg.
a to g incl.
Letter Circular 534 - 5

Perez, R.A. Co. 120 N. Main St.
c,e,f,g

Smith, Emery and Co. 920 Santee St.
a to h inclusive. Specialize in analysis of oils, waters, fertilizers, soils, ferrous and non-ferrous metals, rocks, etc.

Western Precipitation Co. 1016 W. 9th St.
a to g incl. Also special tests with cement and gases.

Oakland

Siefert, H.G. Laboratories 464 Twentieth St.
a to h incl.

Pasadena

Burt, R.C. Laboratories 904 E. California St.
c,e,f,g.

San Francisco

Curtis and Tompkins Ltd. 236 Front St.
c,d,e,f,g,h. Specialize in chemical engineering, food and agricultural analyses, ores, alloys, clays, minerals, oils, coal, coke, etc.

Hanks, Abbot A. Inc. 624 Sacramento St.
Specialize in Pt, Au, and noble metals

Hunt, Robt. W. and Son 251 Kearney St.
(Branch - see Chicago, Ill.)

Kewin, Charles C. 639 Mission St.
(Branch - see Chicago, Ill.)

Pacific Chemical Lab. 617 Montgomery St.
a to h incl. Specialize in analyses of food and agricultural material and general research in chemistry.

The Shaw Laboratory 1155 California St.
a to h incl.

Smith-Emery Co. 651 Howard St.
Specialize in analysis, especially of oils, waters, fertilizers, soils, ferrous and non-ferrous metals, rocks, etc.

Wildberg Bros. Smelting and Refining Co. 742 Market St.
a,b.
Colorado Springs

Woodward, E. C.  
a to f incl.  
26 E. Kiocoa St.

D nver

Ainsworth, William and Sons (Inc.)  
d  
2151 Lawrence St.

Burlingame, W.E.  
c  
2040 Broadway

Blanc, Victor  
c, e, f, g  
2855 Walnut St.

Colorado Assaying Co.  
c, e, f  
2015 Welton St.

Nice, Paul S.  
a to h incl.  
312 17th St.

Parker, Charles O. Co.  
c, e, f  
1901 Lawrence St.

Piers, W. L.  
c, e, f  
1925 Arapahoe St.

Pierce Testing Laboratories  
(Branch at Pueblo) a to h incl.  
118 19th St.

Richards J. W. and Son  
a to h incl. Specialize in b, d, e, g.  
1744 Broadway

Root and Simpson  
a, b, c. Specialize in ores and metallurgy

Wilfley and Bribach  
c, e, f  
1948 Broadway

Wilson and Ward  
(see Chicago, Ill.)

Wood, Henry E. Assaying Co.  
a to g incl. Specialize in minerals, ores, metallurgy.  
1750 Arapahoe St.

Western Research Corp.  
c to g. Specialize in ore testing.  
514-516 18th St.

Idaho Springs

Best, Alex  
c, e, f
**Pueblo**

Smith-Emery Co.  
(See Los Angeles)

Pierce Testing Laboratories  
(See Denver)

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**CONNECTICUT**

**Bridgeport**

<table>
<thead>
<tr>
<th>Bridgeport Testing Laboratory</th>
<th>41 Cannon St.</th>
</tr>
</thead>
<tbody>
<tr>
<td>a to h incl.</td>
<td></td>
</tr>
</tbody>
</table>

| Rockwell, Stanley P. Co.    | 296 Homestead Ave. |
| e,f. Specialize on steel.   |                |

| Souther, Henry, Engineering Co. | 11 Laurel St. |
| d,e,f,g. Specialize in analysis of d,e,f,g and of water and foods. | |

| State Highway Commissioner, d | Highway Dept. |
|                             |               |

---

**New Haven**

| Yale University, Sheffield Scientific School, Hammond Metallurgical Lab. |
| 14 Mansfield St. |
| a,b,c,d,e. Specialize in metals and ores. |

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**Portland**

<table>
<thead>
<tr>
<th>Connecticut State Highway Department Testing Laboratory, d,e,f,g,h.</th>
<th>Malborough St.</th>
</tr>
</thead>
</table>

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**Westport**

| The Dorr Co. Inc. | Danbury Rd. |
| c,e,f.             |             |

---

**DISTRICT OF COLUMBIA**

**Washington**

<table>
<thead>
<tr>
<th>Fuller, Henry C., Laboratory, Columbia Medical Bldg. 1335 Eye St.N.W. a to h incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2033 G St. N.W.</td>
</tr>
</tbody>
</table>

| Lapham, John R. d,e. | |
|---------------------|
FLORIDA

Jacksonville
Hunt, R.W., Co. a to h incl.
716 Professional Bldg.
Pittsburgh Testing Laboratory (Branch - See Pittsburgh, Pa.) 2729 College St.
Southern Testing Laboratories a to h incl.

Miami
Nutting, H.C. Co. c,e,f. 1010 N.W. 20th St.

GEORGIA

Atlanta
Dumas Laboratory 10 1/2 Auburn Ave.
All classes of general and analytical work, except (e).
Specialize in foods and beverages.
Georgia School of Tech., Chem. Dept. c,e,f,g for glyceride oils only.
Law and Co. Inc. Walton Bldg. (Branch - See Wilmington, N.C.)
McCandless Laboratory Specialize in fertilizers and fertilizer materials.
Pittsburgh Testing Laboratory a to h incl. 721 Angier Ave. N.W.
State Highway Board of Georgia d, e, g,h. 2 Capitol Square
Williams, A.W., Inspection Co. P.O.Box 74, Station A (See Mobile, Ala.)

Cordele
Law and Company, Inc. (Branch - See Wilmington, N.C.)

Savannah
Shuey and Co. a to h incl.; 115 E. Bay St.
Letter Circular 534 - 9

HAWAII

Honolulu

University of Hawaii, Dept. of Chemistry.
Equipped to make any ordinary chemical analysis

ILLINOIS

Chicago

Barrow-Age Laboratories
(See Memphis, Tenn.)

Board of Trade Bldg.

American Bureau of Inspection and Tests
53 W. Jackson Blvd.
d,e,f.

Armour Institute of Technology
a to h incl.

Associated Electric Laboratories
&

Benedict Laboratories (Inc.)
a to h incl.

Block Laboratories
a to h incl. Specialize in organic analysis.

Borrowman Dr. George
d,e,f, and general consulting chemist.

Chemical and Engineering Co.
a to h inclusive

Chicago Testing Lab. Inc.
Specialize in bituminous products including road-building materials, oils, tar products, etc.

The Columbus Laboratories
c,d,g.

Commercial Testing and Engineering Co.
d,g,h. Specialize in d.

Dearborn Chemical Co.
c,g. Specialize in water analysis and water treatments.

Deavitt Laboratories, Inc., The Knorrly, 209 S. LaSalle St.
a to h incl. Specialize in all kinds of analytical work.
Letter Circular 534 - 10

Chicago (cont'd.)

Finishing Research Laboratories (Inc.) 123 N. Jefferson St. d,e,g,h.

Walter H. Flood and Co. d,f,h.

Gulick-Henderson Co. a to h incl.

E.F. Houghton and Co. (See Philadelphia, Pa.) 3516 Shields Ave.

Hunt, Robert W. Co. a to h incl. Specialize in metals and building materials.

Kawin, Charles C. Co. c,e,d,f.

Lewis Institute (See Structural Materials Research Lab.)

Mariner and Hoskins 111 W. Monroe St. a to h incl. Specialize in general industrial chemistry.

Miner Laboratories 9 S. Clinton St. f,g. Specialize in foodstuffs and general analytical work excepting mineral assay work.

Phoenix Chemical Laboratory d 3953 Castello Ave.

Pittsburgh Testing Laboratory (Branch - see Pittsburgh, Pa. 205 W. Wacker Drive.

Servicised Products Corp. d 6051 W. 65th St.

Siebel Institute of Technology d 958 Montana St.

Structural Materials Research Lab. 1951 W. Madison St. a to h incl. Specialize in gases, oil and general.

United States Testing Co. (See Hoboken, N. J.)

E.H. Ward and Co. a,b,c,e,f,g.

Wilson and Ward a to h incl. 603 S. Dearborn St.
Urbana
University of Illinois, Dept. of Chem.
a,c,d,e,f,g. Specialize in coal.

INDIANA

Hammond
The Indiana Laboratories Co.  477 Logan St.
a,b,c,d,e,f,g.

Indianapolis
Frederick C. Atkinson, Inc.  213 E. South St.
c,e,f.

Lafayette
Purdue University, Dept. of Chem.
c,d,e,f,g,h and water.

Terre Haute
Rose Polytechnic Institute, Dept. of Chem. Engr.
a,c,d,e,f,g,h. Specialize in coals, boiler water, and oils.

IOWA

Ames
Iowa State College, Chem. Section
a,c,d,e,f,g,h. Specialize in engineering and inorganic analysis. Commercial work only by special arrangement.

Des Moines
Haffitt, Howard C.  522 Eleventh St.
a to h incl.

Patzig, Monroe L.  2215 Ingersoll Ave.
a,f,g. Specialize in engineering and building materials.

Iowa City
University of Iowa
a to h incl. Commercial work only by request.
Letter Circular 534 - 12

KANSAS

Baxter Springs

Waring and Williams

a, c, d, e, f, g.

Wichita

United Laboratories

240 North St.

KENTUCKY

Lexington

McHargue, J. S. 
Agricultural Experiment Station.

a, c, d, f. Specialize in agricultural materials, especially soils, limestones and water.

Louisville

Jones and Breckler

107 S. 4th St.
a to h incl. Specialize in creosote and wood-preserving materials.

LOUISIANA

New Orleans

Helm, John C. P.

509 Tchonpitoula St.
c, f, g.

Hunt, Robert W. Co.

616 Canal Bank Bldg.

Laverie, R. H. and Son
(Branch — see New York)

Liepsner, Frank W.
a to h incl. Specialize in coal, oil, and sugar products.

Pittsburgh Testing Laboratory

c, e, f.

Shilstone Testing Laboratory

c, e, f, g.

Tulane University, College of Engineering
a to h incl.
Letter Circular 534 - 13

Shreveport
Barrow-Agee Laboratories 712 1/2 Marshall St.
(Branch - see Tenn.)
Williams, A. W. Inspection Co.
(See Mobile, Ala.)
P.O. Box 324

Maine

Lewiston
Andrews, A. B. 166 Main St.
a to h incl. Specialize in clinical, fuels, paper-making materials.

University of Maine
a,b,c,d,e,f,g,h.

Orono

Portland
Hamlin and Morrison
(See Philadelphia, Pa.)
11 Exchange St.

Maryland

Baltimore
Cornwell, E. L. and Co. 921 S. Wolfe St.
(Branch - see Philadelphia, Pa.)
Gascoyne & Co. 27 S. Gay St.
 a to h incl.
Hamlin and Morrison 502 E. Pratt St.
(See Philadelphia, Pa.)
Penniman and Browne 215 E. Fayette St.
General analyses
Laverie, R. H. and Sons, Inc.
( Branch - see New York)
Strasburger and Siegel 15 S. Gay St.
c to d incl.
Wiley and Co. 904 N. Calvert St.
c,e,f,g.

Hagerstown

The Voris Laboratories
c,e,f.
MASSACHUSETTS

Boston

Associated Factory Mutual Fire Insurance Companies, 184 High St.


Durfee W. C. Co. 114 Federal St.

Laverie, R. H. and Sons (Branch - see New York)

Metcalf and Eddy Laboratory Statler Bldg.

Miles, George W. 83 Broad St.

Oil Testing Laboratories 8 Beacon St.

Skinner and Sherman 246 Stuart St.

The Thompson and Lichtner Co. Inc. 620 Newbury St.

Worcester J. R. and Co. 79 Milk St.

Cambridge

General Radio Co. 30 State St.

Gill, Dr. A. H. 222 Charles River Rd.

Haven, Prof. George E. Textile Lab. Charles River Rd.

Little, Arthur D. 30 Charles River Rd.

Massachusetts Institute of Technology, Div. of Metallography.

Richards and Locke 69 Massachusetts Ave.
Letter Circular 534 - 15

Fitchburg
United States Testing Co. 59 West St. (See Hoboken, N. J.)

Lowell
Lowell Textile School
d and g. Specialize in textile chemistry, dyeing and bleaching.

United States Testing Co. Crosby St. (See Hoboken, N. J.)

New Bedford
W. S. Testing Co. Inc. (Branch - See New York)

Peabody
The R. and K. Industrial Laboratories, 4 Union St.

Springfield
New England Laboratories (Inc.) 44 Chestnut St.
e to h incl. Specialize in paper, and pulp, coal, fuel, and lubricating oils, water, sands and cements, and research problems.

Westfield
Westfield Testing and Research Labs. 102 Elm St. g. sugars and beverages.

Worcester
Ann Arbor
University of Michigan, Dept. of Eng. Research
a to h incl.

Detroit
The Detroit Testing Laboratory 554 Bagley Ave.
a to h incl. Specialize in metals, fuel, lubricants.

General Testing Laboratories 525 Woodward Ave.
a to h incl.

d and g. Specialize in analysis of fuels, lubricants, and paving materials.

Perry Testing Laboratory 201 Third St.
c, d, e, f, g.

Pittsburgh Testing Laboratory 429 Wayne St.
a to h incl.

United Laboratories 161 Learned West
d, e, f. Specialize in metals and coal.

U.S. Radiator Corp.
Specialize in foundry materials.

Pontiac
Precious Metals Refining Works 82 Perkins St.
a, c, e, f.

MINNESOTA

Duluth
Minnesota Testing Labs. 513 Glencoe Bldg.
a to h incl. Specialize in coal, ores, and steel.

Minneapolis
The Howard Laboratory 724 Fourth Ave. South
c, g. Specialize in wheat and flour testing.

University of Minnesota, School of Chem.
a to h incl.

University of Minnesota, School of Mines, Dept. of Metallurgy
a to h incl. These analyses only made in connection with testing ores from State of Minnesota and metallurgical investigations. Specialize on iron and manganese ores.
Letter Circular 53\textsuperscript{h} - 17

\textbf{Minneapolis}

Van Cleve Laboratories 322 S. Fourth St.
a to g incl. Specialize in ore assays and coal.

\textbf{MISSISSIPPI}

\textbf{Jackson}

Barrow-Agee Laboratories 301 1/2 W. Pearl St.
(See Memphis, Tenn.)

(See Chicago)

\textbf{Leland}

Barrow-Agee Laboratories 209 Main St.
(See Memphis, Tenn.)

\textbf{Meridian}

Katz, N. E. 3117 Seventh St.
\textsuperscript{g}

\textbf{MISSOURI}

\textbf{Jefferson City}

Missouri State Highway Commission Capitol Ave.
c, e, f, g, h.

\textbf{Joplin}

Bruce Williams Laboratories 620 Joplin St.
a, b, c, e, f, g.

Millar Chemical Laboratory a to h incl.

Waring and Williams 620 Joplin St.
a to g incl. Specialize in minerals.

\textbf{Kansas City}

Industrial Testing Laboratory 923 Wyandotte St.
c, e, f.
Kansas City (cont'd.)

Standard Electrical Instrument Laboratories, 1529 Cherry St.

Rolla

University of Missouri, School of Mines and Metallurgy
a to f incl., also clays.

Springfield

Drury College, Dept. of Chemistry.
Specialize in water analysis, detection of poisons and
potash analysis.

St. Louis

Cox W. W. and Co. Inc. 922 Pine St.
e,f.

Gulick-Henderson Co. Inc. 5552 Herbert St.
a to h incl.

Hunt, Robert W. Co.
Branch (See Chicago)

Laclede-Christy Clay Products Co. 1711 Ambassador Bldg.

Lavorie, R. H. and Son, Inc.
/Branch - See New York/

McMaster, L.
Washington University

c,e,f.

Nowak Chemical Laboratories 721 Olive St.

Pittsburgh Testing Laboratory 7315 Olive St.
a to h incl.

St. Louis Sampling and Testing Works, 211 S. 7th St.
a to h incl.

Washington Univ. Chem. Lab.
a to h incl.

E. W. Wiedemann
Chemical Bldg.
c,d,g,h.
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MONTANA

Butte

Lewis and Walker c,e,f. 108 N. Wyoming St.

Richard McCarthy c,e,f. 56 E. Granite St.

University of Montana, School of Mines. a,b,c,d,e,f,h. Specialize in assaying, inorganic analyses, coal analysis, and fuel testing.

Helena

Brunner and Prey c,e,f. 11 Broadway

Goodall Bros. c,e,f. 46 S. Main St.

PHILIPSBURG

Bumenthal, E.F. c,e,f.

NEBRASKA

Omaha

The Omaha Testing Laboratories a to h incl. 1912 Farnam St.

United Laboratories a to h incl. 1818 Leavenworth St.

NEVADA

Carson City

State of Nevada Dept. of Highways d,e,g,h.

Ely

Miller F.W. and Son c,e,f. 614 High St.
Lotter Circular 534 - 20

Goldfield

down Brothecrs and e. Specialize in e.

Lovelock

Lovelock Assay Office

Box 777

NEW HAMPSHIRE

Concord

New Hampshire Highway Testing Lab.

c, g.

NEW JERSEY

Burlington

Conrad, w. w. k.

c, c, f.

Camden

Miller, chas. e.

Third & Jackson

Specialize in consulting work in dyes, soaps, detergents, perfumes, cosmetics, etc.

Garlandt

Maywald, Frederick J.

c, d, g, h.

Dover

Dover Laboratory

53-55 E. McFarlan St.

Specialize in analysis of ores, coal, coke, limestone, iron, drillings, gold and silver ores.

Elizabeth

Van Name, R. L.

829 Newark Ave.

(Branch at Staten Island, N.Y.)
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Hoboken
Constant, C. L. Co. 225 Grand St.
a, b, c, e, f

U. S. Testing Co. Inc. (Branch at Paterson) 1415 Park Ave.
a to h incl.

Jersey City
The Analytical Laboratory 921 Bergen Ave.
a to h incl.

Newark
Baker and Co. Murray and Austin Sts.
a, b.

The Blair Testing Laboratory 279 1/2 Mulberry St.
Specialize in oils, leather, furs.

Gray Industrial Laboratories 961 Frelinghuysen Ave.
c, e, f.

Schwitter, Clover and Starkweather 320 Passaic Ave.
Specialize in Pt, Au, etc.

Paterson
Riley, Alexander D. Laboratories 70 Ryle Ave.
Tin ores, dross, and liquors only.

Rockway
a, b, c, e, f.

South Orange
Philip O. Gravelle 114 Prospect St.
a to h incl.

Trenton
Rouse and Shearer 163 Bloomsbury St.
a, b, d, e, f, g.
NEW MEXICO

Albuquerque

Univ. of New Mexico, Chem. Lab.
\[d,f,g,h.\] Specialize in water.

Las Cruces

New Mexico State Highway Dept. Testing Lab.
\[d,c,f,h.\]

Socorro

New Mexico School of Mines
\[a\; to\; h\; incl.\] Specialize in \[a,c,f.\]

State College

College of Agriculture and Mechanic Arts, School of Eng.
\[c,e,d,f,g.\] Specialize in soils and water.

NEW YORK

Albany

Touceda Chemical and Physical Laboratories, 943 Broadway
\[a,b,c,e,f,g,h.\] Both organic and inorganic work.

Brooklyn

Snell, Foster D. Inc.
305 Washington St.
\[a\; to\; h\; incl.\]

Buffalo

Buffalo Testing Laboratories

Hallenbeck Inspection and Testing Laboratories, 56-62 Pearl St.
\[c,e,f,g.\] Corner of Seneca

The A. W. Hoppenstedt Laboratory (Inc.)
52 W. Chippewa St.
\[d\]

Kawin, Chas. C.
(Branch - Chicago)

Williams Laboratory (Inc.)
\[110\; Pearl\; St.\]
Douglaston

Douglaston Laboratories
a to h incl., except fire assav, but does not specialize in commercial analysis.

Ithaca

Cornell University, Dept. of Chem.
a to h incl., especially a,d,e,f,h.

Long Island City

St. John X-Ray Service (Inc.)
a to h incl.
30 Thomson Ave.

New York City

Alexander, Jerome
Consulting Chemist
50 E. 41st St.

Banks, John H. and Son
a to h incl.
26 John St.

Bersky and Wilson, Chemists and Chemical Engineers,
521 Fifth Ave.

Bendiner and Schlesinger
a to h incl.
3rd Ave. and 10th St.

Bull and Roberts
a,c,d,e,f,g,h. Also water, paints, and chemistry problems of marine and land transportation companies,
court work.
50 West St.

College of City of New York, School of Tech., Convent Ave.
a to h incl. Specialize in qualitative analysis
and 139th St.

Columbia University, Dept. of Civil Eng. Testing Labs.
a to h incl.

Dorr Co.
a to g incl.
247 Park Ave.

Ekroth Labs.
a to h incl.
405 Lexington Ave.
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New York City (cont'd.)

Electrical Testing Laboratories 80th St. and E. End Ave. c,d,e,f,g,h. Specialize in paper, coal, oils, ferrous and non-ferrous metals and alloys, inks, water, paints.

Food Research Laboratories 114 E. 32nd St.

Frasar Laboratories 50 E. 41st St. d and g, also water, food, drugs, clinical pathology and general industrial.

Froehling and Robertson 203 E. 12th St. a to h incl.

Fuel Engineering Co. of New York Coal and petroleum 116 E. 13th St.

Gulick-Henderson 19 W. 44th St. a to h incl.

Hunt, Robert W. Co. (Branch - see Chicago, Ill.) 53 Park Place

Johnson and Salisbury, Inc. 254 W. 31st St. Specialize in glue, gelatin, and lithographic processes.

Kraus Research Labs. 110 W. 40th St. Specialize in minerals

Laverie, R. H. and Sons, Inc. 17 State St. c,d,e,f,g,h. Specialize in ferrous materials, oils, bitumens and cements

Ledoux and Co. 155 Sixth Ave. a to f incl. Specialize in analysis of minerals, ores, and metallurgical products, both ferrous and non-ferrous.

New York Produce Exchange 2 Broadway g. Specialize in vegetable oils, flour, feed, etc.

New York Testing Laboratories 80 Washington St. a,b,c,e,f.

Pfase Laboratories 39 W. 38th St. d,g,h.

Pitkin, Lucius, Inc. 47 Fulton St. a,b,c,e,f. Chemical consultants, references, sampling, etc.

Purdy W. S. Co. Inc. 123 Water St. d,g,h.

Seil, Putt and Rusby (Inc.) 16 E. 34th St. d,g,h. Specialize in analysis of foods, drugs, and organic products.
New York City (Cont'd.)

Stillman and Van Siclen (Inc.)
d, g, h.

Stillwell and Gladding (Inc.)
c, d, e, f, g, h.

The Stillwell Laboratories (Inc.)
d, g.

Walker and Whyte (inc.)
c, e, f, g.

Weiss and Downs (Inc.)
c, g, h. General consultants

Western Precipitation Co.
(Branch - see Los Angeles)

Rochester

National Testing Laboratories, Inc.
c to h incl.

Whitehead Bros. Co.
P.O. Box 993

d, e, g. Specialize in foundry raw materials, moulding sands and clays.

Schenectady

Arsem, William C.
c to h incl.

Union College, Chem. Lab.
a to h incl. Specialize in mineral, food and water.

Syracuse

Kimman and Wheeler
a, b, c, e, f, g.

Utica

William S. Murray, Inc.
c, c, f.
NORTH CAROLINA

Chapel Hill

University of N. Carolina, Dept. of Chem.  
(a to h incl. Specialize in assay, minerals and coal.

Greensboro

U.S. Testing Co.  
(255 N. Greene St.  
Branch - see Hoboken, N. J.)

Wilmington

Law and Co. (Inc.)  
(c, d, e, f, g. Specialize in fertilizer materials, fuels, foods, water and general analytical chemistry.

NORTH DAKOTA

Grand Forks

Univ. of N. Dakota, College of Eng.  
(a to h incl. Specialize in coal, gas, clays.

OHIO

Akron

Smithers, V. L. (Inc.)  
g.  
2706 Central Tower

Cincinnati

Broeman, F. C. and Co.  
a to h incl.

The Consulting Co.  
g. Specialize in asbestos and pigments.

Hunt, Robert W. Co.  
a to h incl.

Kawin, Chas. C.  
(222 W. 4th St.  
Branch - see Chicago)

Langdon-Meyer Laboratories  
g.  
519 Main St.
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Cincinnati (cont'd.)

Mutter, H. C. Co.  
(Branch at Miami, Fla.)  
c to h incl.

Ohio Mechanics Institute  
d, e, f, g, h.

Robinson, Louis G. Labs.  
c to h incl.

Cleveland

Case School of Applied Science  
a only, specialize in.

(Branch - see Chicago, Ill.)

Cosma Laboratories Co.  
d, e, f.

The Cremer Case Co.  
d, e.

Crojwell and Murray  
a to h incl. Specialize in inorganic.

Forest City Testing Lab.  
a to h incl.

Hunt, Robert W. Co.  
a to h incl.

Herron, James H.  
c to h incl. Specialize in industrial and engineering materials.

Laverie, R. H. and Sons  
(Branch - see New York)

Pittsburgh Testing Lab.  
a to h incl.

Textor Chem. Labs.  
a to h incl. Specialize in coal, iron ore and steel.

4120 Davis Lane  
Central Parkway and Walnut Sts.  
219 McFarland St.

Univ. Circle  
Rockefeller Bldg.

1545 E. 15th St.  
1200 W. 9th St.

306 Ferry-Payne Bldg.  
511 Superior Bldg.

673 Engineers Bldg.

1360 - 1364 W. 3d St.

404 E. 9th St.

1165 W. 6th St.
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Columbus

D. J. Demorest
a - h incl. Specialize in steels, fuels, and refractories.

Ohio State University

Long, Chas. F. Laboratories
de, f, g.

203 E. Broad St.

Dayton

Bowser-Morner Testing Labs.
a to h incl.

139 Buen St.

Lancaster

Sharp-Schurtz Co.
Glass chemists and analysts, consulting engineers.

Mansfield

Ohio Brass Co.
c to h incl. Specialize in e and f.

Youngstown

Danforth, C. W. Co.
c to h incl.

2412 S. Avenue

c to h incl.

339 W. Federal St.

OKLAHOMA

Oklahoma City

Locke, Robert
a to h. Specialize in ores, oils, gas, water and soils.

First National Bank Bldg.

Oklahoma Testing Laboratories
c to h incl.

1145 Northwest 2nd St.

Ficher

Cochrane Laboratories
c

De Clue, Leo, Assay Office
c
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Picher (cont'd.)

Picher Assay Office
Orville Rutledge
Waring and Williams
The Bruce Williams Laboratories
Analysts and consultants

109 S. Cornell Ave.

Oregon

Portland

Central Inspection Bureau
e,f.
Hunt, Robert W. Co. Engre.
(See Chicago, Ill.)
Lazell, E. W.
a to h incl.
Montana Assay Office
d,e,f.
Northwest Testing Labs.
(Branch - see Seattle, Wash.)
Oregon Independent Testing Lab.
3rd and Yamhill Sts.
General industrial chemical testing and analysis,
specializing on fuels, water, points, and purchasing
agents' supplies with special attention to pure food
requirements.

Salem

Oregon State Highway Commission Laboratory, Agricultural Bldg.
c,d,e,f,g,h.
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PENNSYLVANIA

Allentown

Allentown Testing Laboratory 373 Linden St.

Bridgeport

U. S. Testing Co.  (See Hoboken, N. J.)

Bethlehem

Lehigh Univ., Dept. of Chem. Engrs.

Bresson

Warner Laboratory 617 First St.

Erie

Erie Laboratory 1519 French St.

Greensburg

Charles D. Klingensmith 520 Greene St.

Harrisburg

McCreath, Andrew S. and Son 236-242 Liberty St.

Malvern

J. Bishop and Co. Platinum Works  a, b, c. Specialize in precious metals and their alloys.
Philadelphia

Arnstein Research Labs.
c to h incl. 191 E. Roosevelt Blvd.
Bell and Beltz a,b,c,e,f.

Booth, Garrett and Blair a to h incl. Specialize in precious metals and their alloys.

Brewer and Gardner S.F.Cor. 13th & Cherry Sts. c,d,f,g,h. Specialize in petroleum, gas, solid fuel, and coal-tar by-products industries' analytical work.

Carlitz, Joseph S. c to h incl. 339 S. 13th St.

Coleman, W. B. and Co. a to h incl. Specialize in d,e,f,h. 1920 W. Indiana Ave.

Conwell, E. L. and Co. a to h incl. Specialize in c,d,e,f. 2024 Arch St.

Davis, George G. c,d,e,f. Specialize in iron and allied products. 636 Race St.

Dean, J. Atler a to h incl. 614 S. 48th St.

Drexel Institute d,e,f,g,h 32nd and Chestnut Sts.

Gunn, Frank R. Co. c to h incl. Ontario and Brabant Sts.

Houghton, T. F. and Co. (Branch at Chicago) d 204 W. Somerset St.

Industrial By-Products and Research Corp. Gimbel Bldg. 6th and Market Sts.

LaWall and Harrison c,d,g,h. 2116 S. 12th St.

Metallurgical Labs. (Inc.) c,f,g. 1116 West Montgomery Ave.

Sadler, Samuel P. & Son. d,g. Specialize in organic industrial analysis. 2105 13th St.
Smith, Rudy and Co. 20 N. 3rd St. c,d,e,f. Specialize in ferrous, non-ferrous and fuels.

U.S. Testing Co. Inc. (Branch - see Hoboken, N. J.)

Pittsburgh

Buckmaster Laboratories 200 Sixth Ave. a to h incl.

Carnegie Institute of Tech., College of Eng., Schenley Park e to h incl. Specialize in general and industrial

Gulick-Henderson Co. 524 Fourth Ave. a to h incl. Chemical consultants

Hall Laboratories, Inc. 500 Ross St.

Hunt, Robert W. Co. 400 Monongahela St. (Branch - see Chicago, Ill.)

Laverie, R. H. and Sons, Inc. (Branch - see New York)

National Certification Lab. E. End Trust Bldg.

Pittsburgh Testing Laboratory 1330 Locust St. a to h incl. Specialize in metallurgical products. Consultants.

Stevens, K. K. Carnegie Institute of Technology c,e,f,g.

Reading

United States Testing Co. 424 W. 9th St.

Keystone Testing Laboratories 824 N. 13th St. Specialize in metallurgical and ceramic materials.

State College

Pa. State College, Chem. Dept. a to h incl.

Swarthmore

Swarthmore College, Dept. of Chem. Equipped for analysis and certain metallographic tests, but policy is not to do commercial work unless in nature of research
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Washington
Drakenfield, B.F. & Co.
Specialize in glass analysis

Waynesboro
Wayne Laboratories
17 E. Main St.
c to h incl.

PHILIPPINE ISLANDS

Manila
Bureau of Science, Chem. Lab.
a to h incl.

PORTO RICO

Mayaguez
Univ. of Porto Rico, College of Agriculture and
Engineering, Chem. Lab.
c, d, e, f, g. Specialize on sugar, fertilizers and soils.

RHODE ISLAND

Newport
The Epopley Laboratory
12 Sheffield Ave.

Providence
Saunders, Walter M.
c, e, f, g.

U. S. Testing Co.
(See Hoboken, N. J.)

Woonsocket
U. S. Testing Co.
(See Hoboken, N. J.)

101 Blackstone St.
85 Fairmount St.
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SOUTH CAROLINA

Charleston

Parker Laboratory  
40 Broad St.
c to h incl.

Williams, A. W. Inspection Co.  
P.O.Box 458
(See Mobile, Al.,)

Columbia

Rice, Charles W. and Co.  
1110 Taylor St.
c to h incl.

TENNESSEE

Chattanooga

Poste, Emerson P.  
309 McCallie Ave.
c,e,f,g.

Memphis

Barrow-Agee Laboratories  
60 N. 3rd St.
c,d,e,f,g,h. Specialize in organic materials, especially cottonseed products, fertilizers, and water.

Nashville

Vanderbilt University  
c to g incl.

TEXAS

Dallas

The Dallas Laboratories,  
2411 S. Harwood St.
c,c,f,g.

Hunt, Robert W. and Co.  
1213 Kirby Bldg.
(Branch - see Chicago, Ill.)

Moore, Landon C.  
1713 1/2 Young St.
a to g incl. Specialize in feeding stuffs and fertilizers, water, oils, fats, petroleum, beverages, milks, fuels, foods.
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Dallas (Cont'd.)

Pittsburgh Testing Laboratory
(See Pittsburgh) 1112 Commerce St.

Southwestern Laboratories
(See Fort Worth) 1105 1/2 Main St.

El Paso

Cameron, Geo. W. 205 San Francisco St.
a to f incl. Specialize in ores, metals, gold, silver,
copper, lead, zinc, manganese, iron, silica, lime,
furnace products.

Critchett and Ferguson
c,e,f.

El Paso Testing Laboratories
a to h incl.
P.O. Box 1565

Rathborn Co.
Consulting chemists.

Ichos at Fifth

Fort Worth

Fortworth Laboratories
a to h incl.
P.O. Box 1379

Southwestern Laboratories
a to h incl. Specialize in cement testing.

Galveston

Paquin, Felix
a to h incl.

305 1/2 22nd St.

Houston

Houston Laboratories
a,b,c,d,g,h; also cottonseed, peanut, copra, soya beans,
water, soils, cements, fertilizers, petroleum products.

Pittsburgh Testing Lab.
(See Pittsburgh, Pa.)

Rice Institute
a to h incl. Specialize in cement testing.

Shilstone Testing Lab.
(See New Orleans, La.)

Southwestern Laboratories
(See Forth Worth)
San Antonio
San Antonio Analytical Lab.
3, e, f, g.
Southwestern Labs.
(See Fort Worth, Tex.)

Medical Arts Bldg.
303 1/2 Navarro St.

Salt Lake City
Bardwell, Alonzo F.
a, c.
Black and Deason
a, b, c, d, e, f.
Cowan, C. S.
a to h incl.
Crimson and Nichols
a to f incl. Specialize in assaying of ores.

Univ. of Utah, School of Mines and Eng.
a to h incl. Specialize in ores of zinc, copper, lead, etc.

VIRGINIA
Fordwick
Froehling and Robertson, Inc.
(See Richmond)

Norfolk
Froehling and Robertson, Inc.
C/o Lone Star Cement Co.

Norfolk Testing Laboratories, Inc.
238 Bank St.

Richmond
Froehling and Robertson, Inc.
814 W. Cary St.
Branches at Allentown, Pa., Norfolk, Fordwick, Va., and New York City.
c, e, f, g and general cement inspection

Robb and Moody
c to g
5 North 6th St.
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WASHINGTON

Seattle

Falkenburg and Co. c to h incl. 86 Madison St.

Geijsbeek Engineering Co. Arctic Bldg.

Glover, A. L., 819 3d Ave. c,e,f.

Leucks Labs. (Inc.) Maritime Bldg.

Laverie, R. H. and Sons, Inc. (Branch – see New York)

Matson, Rogers and Markham (Pacific Coast Testing Lab.)
Iron, steel, coke, alloys, limestone, ores, and engineering materials.

Northwest Testing Labs. 2nd and James Sts.

University of Washington, Chem. Lab.

William H. Ott 5200 Airport Way c,e,f,g.

Spokane

The C. W. Fasset Co. 211 North Wall St.

Stowell, W. H. and Co. 421 Sprague Ave.

Tacoma

Bennett's Chemical Laboratory 1131 Market St.

a to h incl. Specialize in ores, especially gold, silver, lead, zinc, copper.
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WEST VIRGINIA

Charlestown
Commercial Testing and Engineering Co. 428 Morrison Bldg. (Branch - See Chicago, Ill.)

Morgantown
West Virginia University

Specialize in coal, gas, iron, oil, and ferrous minerals.

WISCONSIN

Madison
Jones, Wilbur L. 204 Democrat Bldg.

Specialize in testing of animal casein and vegetable glues, pastes and other adhesives.

Mining and Metallurgical Lab.

Specialize in fuels, water and toxicological examinations for poisons.


Specialize in irons.

Milwaukee
The Orthmann Laboratories (Inc.) 647 West Virginia St.

c, g,h.

Sommer Chemical Laboratories (Inc.) 152 West Wisconsin Ave.

c to h incl. Also water and foods. Specialize in fuels, water and toxicological examinations for poisons.

WYOMING

Cheyenne
Wyoming State Highway Dept.

d to g incl.

Capital Bldg.
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**CANADA**

**British Columbia - Vancouver**

Laucks Labs., Ltd. 1206 Homer St.

**Manitoba - Winnipeg**

Milton Hersey Co. Ltd. 233 Fort St.

**Ontario - Haileybury**

Bell, J. W. N., Assay Office

**Toronto**

Canadian Inspection and Testing Co. 100 Jarvis St.

c, d, e, f, g. Also building materials, water, paints, food products, rubber, flaxseed, soaps, etc.

Kawin, Chas. C. 156 Yonge St.

(Branch - see Chicago, Ill.)

**Quebec - Montreal**

Canadian Inspection and Testing Co. 405 Shaughnessy Bldg.

(Branch - see Toronto)

Hersey, Milton Co. Ltd. 980 St. Antoine St.

Hunt, Robert W. Co. 1001 McGill Bldg.

(Branch - See Chicago, Ill.)