

State of Missouri
Department of Natural Resources

Certificate of Approval
for Chemical Laboratory Service

This is to certify that

National Testing Laboratories, Ltd.

is hereby approved to perform the analysis of drinking water as specified on the Certified Parameter List, which must accompany this certificate to be valid.

Certification No. 500

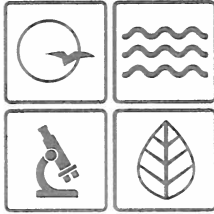
Date Issued March 14, 2018

Expiration Date December 31, 2018


Chief, Public Drinking Water Branch
Water Protection Program
Department of Natural Resources


Director, Environmental Services Program
Department of Natural Resources


Evaluation Officer, Environmental Services Program
Department of Natural Resources



Missouri Department of dnr.mo.gov

NATURAL RESOURCES

Eric R. Greitens, Governor

Carol S. Comer, Director

March 5, 2018

Ms. Christine MacMillan
Compliance Officer
National Testing Laboratories, Ltd.
556 South Mansfield Street
Ypsilanti, Michigan 48197

RE: MDNR Lab ID: 500

Dear Ms. MacMillan:

The Laboratory Certification Unit has reviewed the submitted application, the Louisiana Department of Health's on-site evaluation report, and other supporting documentation for reciprocal laboratory certification for the chemical analysis of drinking water. It is recommended your laboratory be reciprocally certified by the State of Missouri to perform chemical analysis of potable water for the contaminants and methods listed below:

INORGANIC:

EPA 150.1

pH

EPA 200.7

Aluminum, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Copper, Iron, Magnesium, Manganese, Nickel, Potassium, Silica, Silver, Sodium, Vanadium, Zinc

EPA 200.8

Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Copper, Lead, Manganese, Mercury, Nickel, Selenium, Silver, Thallium, Uranium, Vanadium, Zinc

EPA 300.0

Bromide, Chloride, Fluoride, Nitrate as N, Nitrate + Nitrite as N, Nitrite as N, Orthophosphate as P, Sulfate

EPA 300.1

Bromate, Bromide, Chlorate, Chlorite



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EPA 326.0
Bromate

SM 2120B
Color

SM 2130B
Turbidity

SM 2150B
Odor

SM 2320B
Alkalinity as CaCO₃

SM 2340B
Hardness as CaCO₃ (calcium)

SM2340C
Hardness as CaCO₃ (total)

SM 2510B
Conductivity

SM 2540C
Residue – Filterable (TDS)

SM 2540D
Residue – Non-filterable (TSS)

SM 3113B
Arsenic, Lead, Selenium

SM 4500-ClO₂ D
Chlorine Dioxide

SM 4500-Cl G
Chlorine, free residual and total residual

SM 5310C
Total Organic Carbon (TOC)

SM 5540C

Foaming Agents (Surfactants-MBAs)

ORGANIC:

EPA 504.1

1,2-Dibromo-3-chloropropane (DBCP), Ethylene Dibromide (EDB)

EPA 505

Aldrin, Chlordane, Dieldrin, Endrin, gamma-BHC (Lindane), Heptachlor, Heptachlor Epoxide, Hexachlorobenzene, Hexachlorocyclopentadiene, Methoxychlor, PCBs as Aroclors, Toxaphene, Trifluralin

EPA 515.4

2,4-D, 2,4,5-TP (Silvex), Bentazon, Dalapon, Dicamba, Dinoseb, Pentachlorophenol, Picloram

EPA 524.2

1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethylene, 1,1-Dichloropropene, 1,2,3-Trichlorobenzene, 1,2,3-Trichloropropane, 1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,2-Dichlorobenzene, 1,2-Dichloroethane, 1,2-Dichloropropane, 1,3,5-Trimethylbenzene, 1,3-Dichlorobenzene, 1,3-Dichloropropane, 1,4-Dichlorobenzene, 2,2-Dichloropropane, 2-Chlorotoluene, 4-Chlorotoluene, 4-Isopropyltoluene, Benzene, Bromobenzene, Bromochloromethane, Bromodichloromethane, Bromoform, Carbon Tetrachloride, Chlorobenzene, Chloroethane, Chloroform, cis-1,2-Dichloroethylene, cis-1,3-Dichloropropene, Dibromochloromethane, Dibromomethane, Dichlorodifluoromethane, Dichloromethane, Ethylbenzene, Hexachlorobutadiene, Isopropylbenzene, Methyl Bromide (Bromomethane), Methyl Chloride (Chloromethane), Methyl tert-butyl Ether (MTBE), Naphthalene, n-Butylbenzene, n-Propylbenzene, sec-Butylbenzene, Styrene, tert-Butylbenzene, Tetrachloroethylene, Toluene, Total Trihalomethanes, trans-1,2-Dichloroethylene, trans-1,3-Dichloropropene, Trichloroethylene, Trichlorofluoromethane, Vinyl Chloride, Total Xylenes

EPA 525.2

Alachlor, Aldrin, Atrazine, Benzo(a)pyrene (PAHs), Bis(2-Ethylhexyl) phthalate, Butachlor, Di(2-Ethylhexyl) adipate, Dieldrin, Endrin, Heptachlor, Heptachlor Epoxide, Hexachlorobenzene, Hexachlorocyclopentadiene, gamma-BHC (Lindane), Methoxychlor, Metalochlor, Metribuzin, Molinate, Propachlor, Simazine, Thiobencarb, Trifluralin

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EPA 531.2

3-Hydroxycarbofuran, Aldicarb, Aldicarb sulfone, Aldicarb sulfoxide, Carbaryl, Carbofuran, Methomyl, Oxamyl

EPA 547

Glyphosate

EPA 548.1

Endothall

EPA 549.2

Diquat

EPA 552.2

Bromoacetic Acid, Chloroacetic Acid, Dalapon, Dibromoacetic Acid, Dichloroacetic Acid, Trichloroacetic Acid, Total Haloacetic Acids

The above listed methods and contaminants have been recommended for certification to Mr. David Lamb, Chief of the Department's Public Drinking Water Branch. Mr. Lamb will notify you of your final certification status.

The State of Missouri requires laboratories to submit Proficiency Testing Water Supply Study (PTWS) results and any associated correspondence pertaining to the results. This information is due within 60 days after release of PTWS Audit results. You will be required to forward this information to:

Missouri Department of Natural Resources
Environmental Services Program
Laboratory Certification Unit
2710 West Main Street
Jefferson City, MO 65109
Attn: Richard Kirsch
richard.kirsch@dnr.mo.gov

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If you have questions or concerns, please do not hesitate to contact me by phone at (573) 526-4909 or by email at richard.kirsch@dnr.mo.gov.

Sincerely,

ENVIRONMENTAL SERVICES PROGRAM

A handwritten signature in black ink that reads "Richard Kirsch". The signature is written in a cursive, slightly slanted style.

Richard Kirsch
Lab Certification Officer
Environmental Services Program

RK:ca

c: Mr. Todd Eichholz, Environmental Manager, PDWB
Mr. Richard Kirsch, Certification Officer, ESP