

**NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER**



Expires 12:01 AM April 01, 2020
Issued April 01, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. CHRISTINE E. MACMILLAN
NATIONAL TESTING LABORATORIES LTD
556 S MANSFIELD ST
YPSILANTI, MI 48197

NY Lab Id No: 11467

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards (2003) for the category
ENVIRONMENTAL ANALYSES POTABLE WATER
All approved analytes are listed below:*

Bacteriology

| | |
|---|-------------------------------------|
| Coliform, Total / E. coli (Qualitative) | SM 20, 21-23 9223B (-04) (Colilert) |
| E. coli (Enumeration) | SM 20, 21-23 9223B (-04) (Colilert) |
| Heterotrophic Plate Count | SM 20, 21-23 9215B (-04) |

Chlorinated Acids

| | |
|-------------------|-----------|
| 2,4,5-TP (Silvex) | EPA 515.4 |
| 2,4-D | EPA 515.4 |
| Dalapon | EPA 515.4 |
| | EPA 552.2 |
| Dicamba | EPA 515.4 |
| Dinoseb | EPA 515.4 |
| Pentachlorophenol | EPA 515.4 |
| Picloram | EPA 515.4 |

Disinfection By-products

| | |
|-----------------------|--------------------|
| Bromate | EPA 326.0 |
| | EPA 300.1 Rev. 1.0 |
| Bromide | EPA 300.1 Rev. 1.0 |
| | EPA 300.0 Rev. 2.1 |
| Chlorate | EPA 300.1 Rev. 1.0 |
| Chlorite | EPA 300.1 Rev. 1.0 |
| Dibromoacetic acid | EPA 552.2 |
| Dichloroacetic acid | EPA 552.2 |
| Monobromoacetic acid | EPA 552.2 |
| Monochloroacetic acid | EPA 552.2 |
| Trichloroacetic acid | EPA 552.2 |

Fuel Additives

| | |
|-------------------------|-----------|
| Methyl tert-butyl ether | EPA 524.2 |
| Naphthalene | EPA 524.2 |

Metals I

| | |
|------------------|------------------------------|
| Arsenic, Total | SM 19, 21-23 3113B (-04,-10) |
| | EPA 200.8 Rev. 5.4 |
| Barium, Total | EPA 200.7 Rev. 4.4 |
| | EPA 200.8 Rev. 5.4 |
| Cadmium, Total | EPA 200.7 Rev. 4.4 |
| | EPA 200.8 Rev. 5.4 |
| Chromium, Total | EPA 200.7 Rev. 4.4 |
| | EPA 200.8 Rev. 5.4 |
| Copper, Total | EPA 200.7 Rev. 4.4 |
| | EPA 200.8 Rev. 5.4 |
| Iron, Total | EPA 200.7 Rev. 4.4 |
| Lead, Total | SM 19, 21-23 3113B (-04,-10) |
| | EPA 200.8 Rev. 5.4 |
| Manganese, Total | EPA 200.7 Rev. 4.4 |
| | EPA 200.8 Rev. 5.4 |
| Mercury, Total | EPA 200.8 Rev. 5.4 |
| Selenium, Total | SM 19, 21-23 3113B (-04,-10) |
| | EPA 200.8 Rev. 5.4 |
| Silver, Total | EPA 200.7 Rev. 4.4 |
| | EPA 200.8 Rev. 5.4 |
| Zinc, Total | EPA 200.7 Rev. 4.4 |
| | EPA 200.8 Rev. 5.4 |

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| | | | |
|-----------------------------------|--------------------|-----------------------------|-----------------------|
| Metals II | | Microextractibles | |
| Aluminum, Total | EPA 200.7 Rev. 4.4 | 1,2-Dibromo-3-chloropropane | EPA 504.1 |
| Antimony, Total | EPA 200.8 Rev. 5.4 | 1,2-Dibromoethane | EPA 504.1 |
| Beryllium, Total | EPA 200.7 Rev. 4.4 | | |
| | EPA 200.8 Rev. 5.4 | Miscellaneous | |
| Nickel, Total | EPA 200.7 Rev. 4.4 | Benzo(a)pyrene | EPA 525.2 |
| | EPA 200.8 Rev. 5.4 | Bis(2-ethylhexyl) phthalate | EPA 525.2 |
| Thallium, Total | EPA 200.8 Rev. 5.4 | Di (2-ethylhexyl) adipate | EPA 525.2 |
| Vanadium, Total | EPA 200.7 Rev. 4.4 | Diquat | EPA 549.2 |
| | EPA 200.8 Rev. 5.4 | Endothall | EPA 548.1 |
| | | Glyphosate | EPA 547 |
| | | Hexachlorobenzene | EPA 505 |
| Metals III | | | |
| Boron, Total | EPA 200.7 Rev. 4.4 | | |
| Calcium, Total | EPA 200.7 Rev. 4.4 | Hexachlorocyclopentadiene | EPA 505 |
| Magnesium, Total | EPA 200.7 Rev. 4.4 | | EPA 525.2 |
| Potassium, Total | EPA 200.7 Rev. 4.4 | Odor | SM 21-23 2150 B (-97) |
| Sodium, Total | EPA 200.7 Rev. 4.4 | Organic Carbon, Total | SM 21-23 5310C (-00) |
| Uranium (Mass) | EPA 200.8 Rev. 5.4 | Surfactant (MBAS) | SM 21-23 5540C (-00) |
| | | Turbidity | SM 21-23 2130 B (-01) |
| Methylcarbamate Pesticides | | Non-Metals | |
| 3-Hydroxy Carbofuran | EPA 531.2 | Alkalinity | SM 21-23 2320B (-97) |
| Aldicarb | EPA 531.2 | Calcium Hardness | SM 18-22 2340C (-97) |
| Aldicarb Sulfone | EPA 531.2 | | SM 18-22 2340B (-97) |
| Aldicarb Sulfoxide | EPA 531.2 | Chloride | EPA 300.0 Rev. 2.1 |
| Carbaryl | EPA 531.2 | Color | SM 21-23 2120B (-01) |
| Carbofuran | EPA 531.2 | Fluoride, Total | EPA 300.0 Rev. 2.1 |
| Methomyl | EPA 531.2 | Nitrate (as N) | EPA 300.0 Rev. 2.1 |
| Oxamyl | EPA 531.2 | | |

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Non-Metals

| | |
|-------------------------|----------------------|
| Nitrite (as N) | EPA 300.0 Rev. 2.1 |
| Orthophosphate (as P) | EPA 300.0 Rev. 2.1 |
| Silica, Dissolved | EPA 200.7 Rev. 4.4 |
| Solids, Total Dissolved | SM 21-23 2540C (-97) |
| Specific Conductance | SM 21-23 2510B (-97) |
| Sulfate (as SO4) | EPA 300.0 Rev. 2.1 |

Organohalide Pesticides

| | |
|--------------------|-----------|
| Alachlor | EPA 525.2 |
| Aldrin | EPA 505 |
| | EPA 525.2 |
| Atrazine | EPA 525.2 |
| Butachlor | EPA 525.2 |
| Chlordane Total | EPA 505 |
| Dieldrin | EPA 505 |
| | EPA 525.2 |
| Endrin | EPA 505 |
| | EPA 525.2 |
| Heptachlor | EPA 505 |
| | EPA 525.2 |
| Heptachlor epoxide | EPA 505 |
| | EPA 525.2 |
| Lindane | EPA 505 |
| | EPA 525.2 |
| Methoxychlor | EPA 505 |
| | EPA 525.2 |

Organohalide Pesticides

| | |
|-------------|-----------|
| Metolachlor | EPA 525.2 |
| Metribuzin | EPA 525.2 |
| Propachlor | EPA 525.2 |
| Simazine | EPA 525.2 |
| Toxaphene | EPA 505 |
| Trifluralin | EPA 525.2 |

Polychlorinated Biphenyls

| | |
|------------|---------|
| PCB Screen | EPA 505 |
|------------|---------|

Trihalomethanes

| | |
|-----------------------|-----------|
| Bromodichloromethane | EPA 524.2 |
| Bromoform | EPA 524.2 |
| Chloroform | EPA 524.2 |
| Dibromochloromethane | EPA 524.2 |
| Total Trihalomethanes | EPA 524.2 |

Volatile Aromatics

| | |
|------------------------|-----------|
| 1,2,3-Trichlorobenzene | EPA 524.2 |
| 1,2,4-Trichlorobenzene | EPA 524.2 |
| 1,2,4-Trimethylbenzene | EPA 524.2 |
| 1,2-Dichlorobenzene | EPA 524.2 |
| 1,3,5-Trimethylbenzene | EPA 524.2 |
| 1,3-Dichlorobenzene | EPA 524.2 |
| 1,4-Dichlorobenzene | EPA 524.2 |
| 2-Chlorotoluene | EPA 524.2 |
| 4-Chlorotoluene | EPA 524.2 |

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Volatile Aromatics

| | |
|-------------------------------|-----------|
| Benzene | EPA 524.2 |
| Bromobenzene | EPA 524.2 |
| Chlorobenzene | EPA 524.2 |
| Ethyl benzene | EPA 524.2 |
| Hexachlorobutadiene | EPA 524.2 |
| Isopropylbenzene | EPA 524.2 |
| n-Butylbenzene | EPA 524.2 |
| n-Propylbenzene | EPA 524.2 |
| p-Isopropyltoluene (P-Cymene) | EPA 524.2 |
| sec-Butylbenzene | EPA 524.2 |
| Styrene | EPA 524.2 |
| tert-Butylbenzene | EPA 524.2 |
| Toluene | EPA 524.2 |
| Total Xylenes | EPA 524.2 |

Volatile Halocarbons

| | |
|---------------------------|-----------|
| 1,1,1,2-Tetrachloroethane | EPA 524.2 |
| 1,1,1-Trichloroethane | EPA 524.2 |
| 1,1,2,2-Tetrachloroethane | EPA 524.2 |
| 1,1,2-Trichloroethane | EPA 524.2 |
| 1,1-Dichloroethane | EPA 524.2 |
| 1,1-Dichloroethene | EPA 524.2 |
| 1,1-Dichloropropene | EPA 524.2 |
| 1,2,3-Trichloropropane | EPA 524.2 |
| 1,2-Dichloroethane | EPA 524.2 |
| 1,2-Dichloropropane | EPA 524.2 |

Volatile Halocarbons

| | |
|---------------------------|-----------|
| 1,3-Dichloropropane | EPA 524.2 |
| 2,2-Dichloropropane | EPA 524.2 |
| Bromochloromethane | EPA 524.2 |
| Bromomethane | EPA 524.2 |
| Carbon tetrachloride | EPA 524.2 |
| Chloroethane | EPA 524.2 |
| Chloromethane | EPA 524.2 |
| cis-1,2-Dichloroethene | EPA 524.2 |
| cis-1,3-Dichloropropene | EPA 524.2 |
| Dibromomethane | EPA 524.2 |
| Dichlorodifluoromethane | EPA 524.2 |
| Methylene chloride | EPA 524.2 |
| Tetrachloroethene | EPA 524.2 |
| trans-1,2-Dichloroethene | EPA 524.2 |
| trans-1,3-Dichloropropene | EPA 524.2 |
| Trichloroethene | EPA 524.2 |
| Trichlorofluoromethane | EPA 524.2 |
| Vinyl chloride | EPA 524.2 |

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