



STATE OF LOUISIANA

DEPARTMENT OF HEALTH
OFFICE OF PUBLIC HEALTH



NATIONAL TESTING LABORATORIES, LTD.

556 South Mansfield Street


Ypsilanti, MI 48197


is accredited by the State of Louisiana in accordance with
the 2009 TNI Standard and/or Department of Health regulations
Louisiana Administrative Code 48:V.Chapter 80 and
Louisiana Administrative Code 51:XII.101 and 301

Scope of accreditation is limited to the
“TNI Accredited Fields of Testing”
which accompany this certificate

Continued accredited status depends on successful
ongoing participation in the program

CERTIFICATE NUMBER: LA020
EFFECTIVE DATE: January 1, 2020
EXPIRATION DATE: December 31, 2020


Richard T. Tulley, Ph. D.,
Public Health Laboratory Director
1209 Leesville Avenue
Baton Rouge, Louisiana 70802


Grant Aucoin
Laboratory Accreditation Program
Manager

subject to forfeiture or revocation



Louisiana Department of Health
 Office of Public Health
 1209 Leesville Avenue
 Baton Rouge, LA 70802
 (225) 219-5202



Louisiana Accreditation - 2020

National Testing Laboratories, Ltd. located in Ypsilanti, MI
 meets all of the criteria necessary for ACCREDITATION by the State of Louisiana and The NELAC
 Institute (TNI) for the analysis of drinking water for the following contaminants:

Drinking Water Parameters

Analyte	Method	Primary AB	Method Revision # or date	Technology Description	TNI Method Code	TNI Analyte Code
Alkalinity as CaCO ₃	SM 2320 B	LA	22nd ed.	TITR	20045414	1505
Aluminum	EPA 200.7	LA	rev 4.4	ICP-AES	10013806	1000
Antimony	EPA 200.8	LA	rev 5.4	ICP-MS	10014605	1005
Arsenic	EPA 200.8	LA	rev 5.4	ICP-MS	10014605	1010
Arsenic	SM 3113 B	LA	22nd ed.	GFAAS	20058815	1010
Barium	EPA 200.7	LA	rev 4.4	ICP-AES	10013806	1015
Barium	EPA 200.8	LA	rev 5.4	ICP-MS	10014605	1015
Beryllium	EPA 200.7	LA	rev 4.4	ICP-AES	10013806	1020
Beryllium	EPA 200.8	LA	rev 5.4	ICP-MS	10014605	1020
Boron	EPA 200.7	LA	rev 4.4	ICP-AES	10013806	1025
Bromate	EPA 300.1	LA	rev 1.0	IC-COND	10275602	1535
Bromate	EPA 326.0	LA	rev 1.0	IC-UV/VIS	10277608	1535
Bromide	EPA 300.0	LA	rev 2.1	IC-COND	10053200	1540

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Analyte	Method	Primary AB	Method Revision # or date	Technology Description	TNI Method Code	TNI Analyte Code
Bromide	EPA 300.1	LA	rev 1.0	IC-COND	10275602	1540
Cadmium	EPA 200.7	LA	rev 4.4	ICP-AES	10013806	1030
Cadmium	EPA 200.8	LA	rev 5.4	ICP-MS	10014605	1030
Calcium	EPA 200.7	LA	rev 4.4	ICP-AES	10013806	1035
Chlorate	EPA 300.1	LA	rev 1.0	IC-COND	10275602	1570
Chloride	EPA 300.0	LA	rev 2.1	IC-COND	10053200	1575
Chlorine (free residual)	SM 4500-Cl G	LA	22nd ed.	UV-VIS	20081418	1945
Chlorine (total residual)	SM 4500-Cl G	LA	22nd ed.	UV-VIS	20081418	1940
Chlorine Dioxide	SM 4500-ClO2 D	LA	20th ed.	TITR	20088806	1590
Chlorite	EPA 300.1	LA	rev 1.0	IC-COND	10275602	1595
Chromium	EPA 200.7	LA	rev 4.4	ICP-AES	10013806	1040
Chromium	EPA 200.8	LA	rev 5.4	ICP-MS	10014605	1040
Color	SM 2120 B	LA	22nd ed.	OTHER	20039014	1605
Conductivity	SM 2510 B	LA	22nd ed.	COND	20048413	1610
Copper	EPA 200.7	LA	rev 4.4	ICP-AES	10013806	1055
Copper	EPA 200.8	LA	rev 5.4	ICP-MS	10014605	1055
Fluoride	EPA 300.0	LA	rev 2.1	IC-COND	10053200	1730
Hardness as CaCO3 (total)	SM 2340 B	LA	22nd ed.	OTHER	20046417	1755
Hardness as CaCO3 (total)	SM 2340 C	LA	22nd ed.	TITR	20047410	1755
Iron	EPA 200.7	LA	rev 4.4	ICP-AES	10013806	1070
Lead	EPA 200.8	LA	rev 5.4	ICP-MS	10014605	1075
Lead	SM 3113 B	LA	22nd ed.	GFAAS	20058815	1075

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Analyte	Method	Primary AB	Method Revision # or date	Technology Description	TNI Method Code	TNI Analyte Code
Magnesium	EPA 200.7	LA	rev 4.4	ICP-AES	10013806	1085
Manganese	EPA 200.7	LA	rev 4.4	ICP-AES	10013806	1090
Manganese	EPA 200.8	LA	rev 5.4	ICP-MS	10014605	1090
Mercury	EPA 200.8	LA	rev 5.4	ICP-MS	10014605	1095
Nickel	EPA 200.7	LA	rev 4.4	ICP-AES	10013806	1105
Nickel	EPA 200.8	LA	rev 5.4	ICP-MS	10014605	1105
Nitrate as N	EPA 300.0	LA	rev 2.1	IC-COND	10053200	1810
Nitrate-Nitrite as N	EPA 300.0	LA	rev 2.1	IC-COND	10053200	1820
Nitrite as N	EPA 300.0	LA	rev 2.1	IC-COND	10053200	1840
Odor	SM 2150 B	LA	22nd ed.	OTHER	20043612	1855
Orthophosphate as P	EPA 300.0	LA	rev 2.1	IC-COND	10053200	1870
pH	EPA 150.1	LA	1982	ISE	10008409	1900
Potassium	EPA 200.7	LA	rev 4.4	ICP-AES	10013806	1125
Selenium	EPA 200.8	LA	rev 5.4	ICP-MS	10014605	1140
Selenium	SM 3113 B	LA	22nd ed.	GFAAS	20058815	1140
Silica as SiO ₂	EPA 200.7	LA	rev 4.4	ICP-AES	10013806	1990
Silver	EPA 200.7	LA	rev 4.4	ICP-AES	10013806	1150
Silver	EPA 200.8	LA	rev 5.4	ICP-MS	10014605	1150
Sodium	EPA 200.7	LA	rev 4.4	ICP-AES	10013806	1155
Sulfate	EPA 300.0	LA	rev 2.1	IC-COND	10053200	2000
Surfactants-MBAS	SM 5540 C	LA	22nd ed.	UV-VIS	20144814	2025
Thallium	EPA 200.8	LA	rev 5.4	ICP-MS	10014605	1165

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Total Dissolved Solids (TDS)	SM 2540 C	LA	22nd ed.	GRAV	20050424	1955
Total Organic Carbon (TOC)	SM 5310 C	LA	22nd ed.	TOC-FID	20138618	2040
Total Suspended Solids (TSS)	SM 2540 D	LA	22nd ed.	GRAV	20051018	1960
Turbidity	SM 2130 B	LA	22nd ed.	TURB	20042619	2055
Uranium	EPA 200.8	LA	rev 5.4	ICP-MS	10014605	1184
Uranium (natural)	EPA 200.8	LA	rev 5.4	ICP-MS	10014605	3055
Vanadium	EPA 200.7	LA	rev 4.4	ICP-AES	10013806	1185
Vanadium	EPA 200.8	LA	rev 5.4	ICP-MS	10014605	1185
Zinc	EPA 200.7	LA	rev 4.4	ICP-AES	10013806	1190
Zinc	EPA 200.8	LA	rev 5.4	ICP-MS	10014605	1190
1,1,1,2-Tetrachloroethane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5105
1,1,1-Trichloroethane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5160
1,1,2,2-Tetrachloroethane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5110
1,1,2-Trichloroethane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5165
1,1-Dichloroethane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4630
1,1-Dichloroethylene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4640
1,1-Dichloropropene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4670
1,2,3-Trichlorobenzene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5150
1,2,3-Trichloropropane	EPA 504.1	LA	rev 1.1	GC-ECD	10082801	5180
1,2,3-Trichloropropane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5180
1,2,4-Trichlorobenzene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5155
1,2,4-Trimethylbenzene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5210

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1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1	LA	rev 1.1	GC-ECD	10082801	4570
1,2-Dibromoethane (EDB)	EPA 504.1	LA	rev 1.1	GC-ECD	10082801	4585
1,2-Dichlorobenzene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4610
1,2-Dichloroethane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4635
1,2-Dichloropropane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4655
1,3,5-Trimethylbenzene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5215
1,3-Dichlorobenzene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4615
1,3-Dichloropropane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4660
1,4-Dichlorobenzene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4620
2,2-Dichloropropane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4665
2,4-D	EPA 515.4	LA	rev 1.0	GC-ECD	10088503	8545
2-Chlorotoluene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4535
3-Hydroxycarbofuran	EPA 531.2	LA	rev 1.0	HPLC-FLUOR	10091302	7710
4-Chlorotoluene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4540
4-Isopropyltoluene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4910
Alachlor	EPA 525.2	LA	rev 2.0	GC-MS	10090003	7005
Aldicarb	EPA 531.2	LA	rev 1.0	HPLC-FLUOR	10091302	7010
Aldicarb Sulfone	EPA 531.2	LA	rev 1.0	HPLC-FLUOR	10091302	7015
Aldicarb Sulfoxide	EPA 531.2	LA	rev 1.0	HPLC-FLUOR	10091302	7020
Aldrin	EPA 505	LA	rev 2.1	GC-ECD	10083406	7025
Aldrin	EPA 525.2	LA	rev 2.0	GC-MS	10090003	7025
Atrazine	EPA 525.2	LA	rev 2.0	GC-MS	10090003	7065

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Bentazon	EPA 515.4	LA	rev 1.0	GC-ECD	10088503	8530
Benzene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4375
Benzo(a)pyrene (PAHs)	EPA 525.2	LA	rev 2.0	GC-MS	10090003	5580
Bis(2-ethylhexyl) phthalate	EPA 525.2	LA	rev 2.0	GC-MS	10090003	6065
Bromoacetic Acid	EPA 552.2	LA	rev 1.0	GC-ECD	10095804	9312
Bromobenzene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4385
Bromochloromethane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4390
Bromodichloromethane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4395
Bromoform	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4400
Butachlor	EPA 525.2	LA	rev 2.0	GC-MS	10090003	7160
Carbaryl	EPA 531.2	LA	rev 1.0	HPLC-FLUOR	10091302	7195
Carbofuran	EPA 531.2	LA	rev 1.0	HPLC-FLUOR	10091302	7205
Carbon Tetrachloride	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4455
Chlordane (tech.)	EPA 505	LA	rev 2.1	GC-ECD	10083406	7250
Chloroacetic Acid	EPA 552.2	LA	rev 1.0	GC-ECD	10095804	9336
Chlorobenzene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4475
Chloroethane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4485
Chloroform	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4505
cis-1,2-Dichloroethylene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4645
cis-1,3-Dichloropropene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4680
Dalapon	EPA 515.4	LA	rev 1.0	GC-ECD	10088503	8555
Dalapon	EPA 552.2	LA	rev 1.0	GC-ECD	10095804	8555

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Di(2-ethylhexyl) adipate	EPA 525.2	LA	rev 1.0	GC-MS	10090003	6062
Dibromoacetic Acid	EPA 552.2	LA	rev 1.0	GC-ECD	10095804	9357
Dibromochloromethane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4575
Dibromomethane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4595
Dicamba	EPA 515.4	LA	rev 1.0	GC-ECD	10088503	8595
Dichloroacetic Acid	EPA 552.2	LA	rev 1.0	GC-ECD	10095804	9360
Dichlorodifluoromethane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4625
Dichloromethane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4975
Dieldrin	EPA 505	LA	rev 2.1	GC-ECD	10083406	7470
Dieldrin	EPA 525.2	LA	rev 2.0	GC-MS	10090003	7470
Dinoseb	EPA 515.4	LA	rev 1.0	GC-ECD	10088503	8620
Diquat	EPA 549.2	LA	rev 1.0	HPLC-UV	10093400	9390
Endothall	EPA 548.1	LA	rev 1.0	GC-MS	10092805	7525
Endrin	EPA 505	LA	rev 2.1	GC-ECD	10083406	7540
Endrin	EPA 525.2	LA	rev 2.0	GC-MS	10090003	7540
Ethylbenzene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4765
gamma-BHC (Lindane)	EPA 505	LA	rev 2.1	GC-ECD	10083406	7120
gamma-BHC (Lindane)	EPA 525.2	LA	rev 2.0	GC-MS	10090003	7120
Glyphosate	EPA 547	LA	1990	HPLC-FLUOR	10092009	9411
Heptachlor	EPA 505	LA	rev 2.1	GC-ECD	10083406	7685
Heptachlor	EPA 525.2	LA	rev 2.0	GC-MS	10090003	7685
Heptachlor Epoxide	EPA 505	LA	rev 2.1	GC-ECD	10083406	7690

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Heptachlor Epoxide	EPA 525.2	LA	rev 2.0	GC-MS	10090003	7690
Hexachlorobenzene	EPA 505	LA	rev 2.1	GC-ECD	10083406	6275
Hexachlorobenzene	EPA 525.2	LA	rev 2.0	GC-MS	10090003	6275
Hexachlorobutadiene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4835
Hexachlorocyclopentadiene	EPA 505	LA	rev 2.1	GC-ECD	10083406	6285
Hexachlorocyclopentadiene	EPA 525.2	LA	rev 2.0	GC-MS	10090003	6285
Isopropylbenzene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4900
Methomyl	EPA 531.2	LA	rev 1.0	HPLC-FLUOR	10091302	7805
Methoxychlor	EPA 505	LA	rev 2.1	GC-ECD	10083406	7810
Methoxychlor	EPA 525.2	LA	rev 2.0	GC-MS	10090003	7810
Methyl Bromide (Bromomethane)	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4950
Methyl Chloride (Chloromethane)	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4960
Methyl tert-butyl Ether (MTBE)	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5000
Metolachlor	EPA 525.2	LA	rev 2.0	GC-MS	10090003	7835
Metribuzin	EPA 525.2	LA	rev 2.0	GC-MS	10090003	7845
Molinate	EPA 525.2	LA	rev 2.0	GC-MS	10090003	7875
Naphthalene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5005
n-Butylbenzene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4435
n-Propylbenzene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5090
Oxamyl	EPA 531.2	LA	rev 1.0	HPLC-FLUOR	10091302	7940
PCBs as Aroclors (screen)	EPA 505	LA	rev 2.1	GC-ECD	10083406	8872

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Pentachlorophenol	EPA 515.4	LA	rev 1.0	GC-ECD	10088503	6605
Picloram	EPA 515.4	LA	rev 1.0	GC-ECD	10088503	8645
Propachlor	EPA 525.2	LA	rev 2.0	GC-MS	10090003	8045
sec-Butylbenzene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4440
Silvex (2,4,5-TP)	EPA 515.4	LA	rev 1.0	GC-ECD	10088503	8650
Simazine	EPA 525.2	LA	rev 2.0	GC-MS	10090003	8125
Styrene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5100
tert-Butylbenzene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4445
Tetrachloroethylene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5115
Thiobencarb	EPA 525.2	LA	rev 2.0	GC-MS	10090003	8220
Toluene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5140
Total Haloacetic Acids (HAA5)	EPA 552.2	LA	rev 1.0	GC-ECD	10095804	9414
Total Trihalomethanes (THMs)	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5205
Toxaphene	EPA 505	LA	rev 2.1	GC-ECD	10083406	8250
trans-1,2-Dichloroethylene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4700
trans-1,3-Dichloropropene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4685
Trichloroacetic Acid	EPA 552.2	LA	rev 1.0	GC-ECD	10095804	9642
Trichloroethylene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5170
Trichlorofluoromethane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5175
Trifluralin	EPA 505	LA	rev 2.1	GC-ECD	10083406	8295
Trifluralin	EPA 525.2	LA	rev 2.0	GC-MS	10090003	8295
Vinyl Chloride	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5235

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Analyte	Method	Primary AB	Method Revision # or date	Technology Description	TNI Method Code	TNI Analyte Code
Xylenes (total)	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5260

John Bel Edwards
GOVERNOR



Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana
Louisiana Department of Health
Office of Public Health

December 05, 2019

Ms. Christine MacMillan
National Testing Laboratories, Ltd.
556 South Mansfield
Ypsilanti, MI 48197

LA020

Dear Ms. MacMillan:

The requirements for maintaining your certification status for the State of Louisiana are outlined in the 2009 TNI standards and the Louisiana Administrative Code (LAC) for the Accreditation of Laboratories Conducting Drinking Water Analyses located in LAC 48:V.Chapter 80, LAC 51:XII.101 and 301. They include but are not limited to:

1. Satisfactory analysis of periodic performance evaluation samples;
2. Use of methodologies sanctioned by the Safe Drinking Water Act or otherwise approved by the U.S. EPA for the analysis of drinking water;
3. Immediate notification to the certifying authority of any major changes in laboratory personnel, equipment, or location;
4. Satisfactory on-site evaluation;
5. Payment of appropriate fees.

Based on these criteria, your laboratory is granted this **2020 Certificate of Laboratory Accreditation** for all the parameters listed. The certificate must be conspicuously displayed in the laboratory in a location visible to the public.

If there are any questions, please contact me at Grant.Aucoin@LA.Gov or (225) 219-5202.

Sincerely,

A handwritten signature in blue ink, appearing to read "Grant Aucoin".

Grant Aucoin
Laboratory Certification Program Manager

Enclosures