



# STATE OF LOUISIANA

DEPARTMENT OF HEALTH  
OFFICE OF PUBLIC HEALTH



## ANA-LAB CORPORATION

2600 Dudley Road

Kilgore, TX 75662

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: LA180009**  
**EFFECTIVE DATE: January 1, 2018**  
**EXPIRATION DATE: December 31, 2018**

A handwritten signature in cursive script that reads "Richard T. Tulley, Ph.D.".

Richard T. Tulley, Ph. D  
Assistant Director of Environmental Operations  
1209 Leesville Avenue  
Baton Rouge, Louisiana 70802

subject to forfeiture or revocation



LOUISIANA DEPARTMENT OF HEALTH  
OFFICE OF PUBLIC HEALTH  
1209 LEESVILLE AVENUE  
BATON ROUGE, LA 70802  
Telephone (225)219-5247



## LOUISIANA ACCREDITATION – 2018

**ANA-LAB CORPORATION** – meets all the criteria necessary for **ACCREDITATION** by the State of Louisiana & The NELAC Institute (TNI) for the analysis of the drinking water for the following contaminants:

### Inorganic Parameters - Drinking Water

Analyte	Method	Method Revision # or date	Technology Description	TNI Method Code	TNI Analyte Code
Alkalinity as CaCO <sub>3</sub> (LDH)	SM 2320B	20th ed.	TITR	20045209	1505
Aluminum	EPA 200.7	rev 4.4	ICP-AES	10013806	1000
Aluminum	EPA 200.8	rev 5.4	ICP-MS	10014605	1000
Antimony	EPA 200.8	rev 5.4	ICP-MS	10014605	1005
Arsenic	EPA 200.8	rev 5.4	ICP-MS	10014605	1010
Barium	EPA 200.7	rev 4.4	ICP-AES	10013806	1015
Barium	EPA 200.8	rev 5.4	ICP-MS	10014605	1015
Beryllium	EPA 200.8	rev 5.4	ICP-MS	10014605	1020
Boron	EPA 200.7	rev 4.4	ICP-AES	10013806	1025
Bromate	EPA 300.1	rev 1.0	IC-COND	10053608	1535
Bromide	EPA 300.0	rev 2.1	IC-COND	10053200	1540
Cadmium	EPA 200.8	rev 5.4	ICP-MS	10014605	1030
Calcium (LDH)	EPA 200.7	rev 4.4	ICP-AES	10013806	1035
Chlorate	EPA 300.1	rev 1.0	IC-COND	10053608	1570
Chloride	EPA 300.0	rev 2.1	IC-COND	10053200	1575
Chlorine (free residual) (LDH)	SM 4500-Cl F	21st ed.	TITR	20080608	1945
Chlorine (free residual) (LDH)	SM 4500-Cl G	21st ed.	UV-VIS	20081407	1945
Chlorine (total residual) (LDH)	SM 4500-Cl F	21st ed.	TITR	20080608	1940
Chlorine (total residual) (LDH)	SM 4500-Cl G	21st ed.	UV-VIS	20081407	1940
Chlorite	EPA 300.1	rev 1.0	IC-COND	10053608	1595
Chromium	EPA 200.8	rev 5.4	ICP-MS	10014605	1040
Conductivity	SM 2510B	21st ed.	COND	20048402	1610
Copper	EPA 200.7	rev 4.4	ICP-AES	10013806	1055

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Analyte	Method	Method Revision # or date	Technology Description	TNI Method Code	TNI Analyte Code
Copper	EPA 200.8	rev 5.4	ICP-MS	10014605	1055
Corrosivity (Langlier Index) (LDH)	SM 2330B	20th ed.	OTHER	20003309	1620
Cyanide	SM 4500-CN <sup>-</sup> E	21st ed.	UV-VIS	20092404	1645
Cyanide (amenable)	SM 4500-CN <sup>-</sup> G	21st ed.	OTHER	20093203	1510
Dissolved Organic Carbon (DOC) (LDH)	SM 5310C	21st ed.	TOC-FID	20138403	1710
Fluoride	EPA 300.0	rev 2.1	IC-COND	10053200	1730
Hardness as CaCO <sub>3</sub> (calcium) (LDH)	SM 2340B	21st ed.	OTHER	20046202	1550
Hardness as CaCO <sub>3</sub> (total)	EPA 130.2	1978	TITR	10255604	1755
Hardness as CaCO <sub>3</sub> (total) (LDH)	SM 2340B	21st ed.	OTHER	20046202	1755
Hardness as CaCO <sub>3</sub> (total)	SM 2340C	21st ed.	TITR	20047001	1755
Iron	EPA 200.7	rev 4.4	ICP-AES	10013806	1070
Lead	EPA 200.8	rev 5.4	ICP-MS	10014605	1075
Magnesium	EPA 200.7	rev 4.4	ICP-AES	10013806	1085
Manganese	EPA 200.7	rev 4.4	ICP-AES	10013806	1090
Manganese	EPA 200.8	rev 5.4	ICP-MS	10014605	1090
Mercury	EPA 245.1	rev 3.0	CVAAS	10036609	1095
Molybdenum (LDH)	EPA 200.8	rev 5.4	ICP-MS	10014605	1100
Nickel	EPA 200.7	rev 4.4	ICP-AES	10013806	1105
Nickel	EPA 200.8	rev 5.4	ICP-MS	10014605	1105
Nitrate as N	EPA 300.0	rev 2.1	IC-COND	10053200	1810
Nitrate-Nitrite as N	EPA 300.0	rev 2.1	IC-COND	10053200	1820
Nitrite as N	EPA 300.0	rev 2.1	IC-COND	10053200	1840
Odor (LDH)	SM 2150B	21st ed.	OTHER	20043601	1855
Orthophosphate as P (LDH)	EPA 300.0	rev 2.1	IC-COND	10053200	1870
Perchlorate	EPA 314.0	rev 1.0	IC-COND	10277006	1895

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Perchlorate (LDH)	EPA 331.0	rev 1.0	LC/ESI/MS	10059708	1895
pH (LDH)	SM 4500-H <sup>+</sup> B	21st ed.	ISE	20105004	1900
Potassium	EPA 200.7	rev 4.4	ICP-AES	10013806	1125
Selenium	EPA 200.8	rev 5.4	ICP-MS	10014605	1140
Silica as SiO <sub>2</sub>	EPA 200.7	rev 4.4	ICP-AES	10013806	1990
Silver	EPA 200.7	rev 4.4	ICP-AES	10013806	1150
Silver	EPA 200.8	rev 5.4	ICP-MS	10014605	1150
Sodium	EPA 200.7	rev 4.4	ICP-AES	10013806	1155
Sulfate	EPA 300.0	rev 2.1	IC-COND	10053200	2000
Surfactants-MBAS (LDH)	SM 5540C	21st ed.	UV-VIS	20144803	2025
Temperature (LDH)	SM 2550B	21st ed.	OTHER	20053003	2030
Thallium	EPA 200.8	rev 5.4	ICP-MS	10014605	1165
Total Dissolved Solids (TDS)	EPA 160.1	1971	GRAV	10009208	1955
Total Dissolved Solids (TDS)	SM 2540C	21st ed.	GRAV	20050208	1955
Total Organic Carbon (TOC) (LDH)	SM 5310C	20th ed.	TOC-FID	20138403	2040
Total Suspended Solids (TSS)	SM 2540D	22nd ed.	GRAV	20051018	1960
Turbidity (LDH)	EPA 180.1	rev 2.0	TURB	10011800	2055
Turbidity (LDH)	SM 2130B	21st ed.	TURB	20042608	2055
Uranium (LDH)	EPA 200.8	rev 5.4	ICP-MS	10014605	1184
UV254 (LDH)	SM 5910B	21st ed.	UV/VIS	20146207	2060
Vanadium	EPA 200.7	rev 4.4	ICP-AES	10013806	1185
Zinc	EPA 200.7	rev 4.4	ICP-AES	10013806	1190
Zinc	EPA 200.8	rev 5.4	ICP-MS	10014605	1190

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### Organic Parameters - Drinking Water

Analyte	Method	Method Revision # or date	Technology Description	TNI Method Code	TNI Analyte Code
1,1,1,2-Tetrachloroethane (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	5105
1,1,1-Trichloroethane	EPA 524.2	rev 4.1	GC-MS	10088809	5160
1,1,2,2-Tetrachloroethane (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	5110
1,1,2-Trichloroethane	EPA 524.2	rev 4.1	GC-MS	10088809	5165
1,1-Dichloroethane (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	4630
1,1-Dichloroethylene	EPA 524.2	rev 4.1	GC-MS	10088809	4640
1,1-Dichloropropene (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	4670
1,2,3-Trichlorobenzene (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	5150
1,2,3-Trichloropropane (LDH)	EPA 504.1	rev 1.1	GC-ECD	10082801	5180
1,2,3-Trichloropropane (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	5180
1,2,4-Trichlorobenzene	EPA 524.2	rev 4.1	GC-MS	10088809	5155
1,2,4-Trimethylbenzene (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	5210
1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1	rev 1.1	GC-ECD	10082801	4570
1,2-Dibromoethane (EDB)	EPA 504.1	rev 1.1	GC-ECD	10082801	4585
1,2-Dichlorobenzene	EPA 524.2	rev 4.1	GC-MS	10088809	4610
1,2-Dichloroethane	EPA 524.2	rev 4.1	GC-MS	10088809	4635
1,2-Dichloropropane	EPA 524.2	rev 4.1	GC-MS	10088809	4655
1,3,5-Trimethylbenzene (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	5215
1,3-Dichlorobenzene (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	4615
1,3-Dichloropropane (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	4660
1,4-Dichlorobenzene	EPA 524.2	rev 4.1	GC-MS	10088809	4620
2,2-Dichloropropane (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	4665
2,4-D	EPA 515.1	rev 4.0	GC-ECD	10087408	8545

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### Organic Parameters - Drinking Water

Analyte	Method	Method Revision # or date	Technology Description	TNI Method Code	TNI Analyte Code
2-Chlorotoluene (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	4535
3-Hydroxycarbofuran (LDH)	EPA 531.1	rev 3.1	HPLC-FLUOR	10091006	7710
4-Chlorotoluene (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	4540
4-Isopropyltoluene (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	4910
Alachlor	EPA 525.2	rev 2.0	GC-MS	10090003	7005
Aldicarb	EPA 531.1	rev 3.1	HPLC-FLUOR	10091006	7010
Aldicarb Sulfoxide	EPA 531.1	rev 3.1	HPLC-FLUOR	10091006	7020
Aldrin (LDH)	EPA 525.2	rev 2.0	GC-MS	10090003	7025
Atrazine	EPA 525.2	rev 2.0	GC-MS	10090003	7065
Benzene	EPA 524.2	rev 4.1	GC-MS	10088809	4375
Benzo(a)pyrene (PAHs)	EPA 525.2	rev 2.0	GC-MS	10090003	5580
Bis(2-ethylhexyl) phthalate	EPA 525.2	rev 2.0	GC-MS	10090003	6065
Bromoacetic Acid	EPA 552.2	rev 1.0	GC-ECD	10095804	9312
Bromobenzene (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	4385
Bromochloroacetic Acid	EPA 552.2	rev 1.0	GC-ECD	10095804	9315
Bromochloromethane (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	4390
Bromodichloromethane	EPA 524.2	rev 4.1	GC-MS	10088809	4395
Bromoform	EPA 524.2	rev 4.1	GC-MS	10088809	4400
Butachlor (LDH)	EPA 525.2	rev 2.0	GC-MS	10090003	7160
Butyl benzyl phthalate (LDH)	EPA 525.2	rev 2.0	GC-MS	10090003	5670
Carbaryl (LDH)	EPA 531.1	rev 3.1	HPLC-FLUOR	10091006	7195
Carbofuran	EPA 531.1	rev 3.1	HPLC-FLUOR	10091006	7205
Carbon Tetrachloride	EPA 524.2	rev 4.1	GC-MS	10088809	4455
Chlordane (tech.)	EPA 508	rev 3.1	GC-ECD	10085208	7250
Chloroacetic Acid	EPA 552.2	rev 1.0	GC-ECD	10095804	9336

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### Organic Parameters - Drinking Water

Analyte	Method	Method Revision # or date	Technology Description	TNI Method Code	TNI Analyte Code
Chlorobenzene	EPA 524.2	rev 4.1	GC-MS	10088809	4475
Chloroethane (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	4485
Chloroform	EPA 524.2	rev 4.1	GC-MS	10088809	4505
cis-1,2-Dichloroethylene	EPA 524.2	rev 4.1	GC-MS	10088809	4645
cis-1,3-Dichloropropene (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	4680
Dalapon	EPA 515.1	rev 4.0	GC-ECD	10087408	8555
Di(2-ethylhexyl) Adipate	EPA 525.2	rev 2.0	GC-MS	10090003	6062
Dibromoacetic Acid	EPA 552.2	rev 1.0	GC-ECD	10095804	9357
Dibromochloromethane	EPA 524.2	rev 4.1	GC-MS	10088809	4575
Dibromomethane (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	4595
Dicamba (LDH)	EPA 515.1	rev 4.0	GC-ECD	10087408	8595
Dichloroacetic Acid	EPA 552.2	rev 1.0	GC-ECD	10095804	9360
Dichlorodifluoromethane (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	4625
Dichloromethane	EPA 524.2	rev 4.1	GC-MS	10088809	4975
Dieldrin (LDH)	EPA 525.2	rev 2.0	GC-MS	10090003	7470
Diethyl phthalate (LDH)	EPA 525.2	rev 2.0	GC-MS	10090003	6070
Dimethyl phthalate (LDH)	EPA 525.2	rev 2.0	GC-MS	10090003	6135
Di-n-butyl phthalate (LDH)	EPA 525.2	rev 2.0	GC-MS	10090003	5925
Dinoseb	EPA 515.1	rev 4.0	GC-ECD	10087408	8620
Ethylbenzene	EPA 524.2	rev 4.1	GC-MS	10088809	4765
Fluorene (LDH)	EPA 525.2	rev 2.0	GC-MS	10090003	6270
gamma-BHC (Lindane)	EPA 525.2	rev 2.0	GC-MS	10090003	7120
Glyphosate	EPA 547	1990	HPLC-FLUOR	10092009	9411
Heptachlor	EPA 525.2	rev 2.0	GC-MS	10090003	7685
Heptachlor Epoxide	EPA 525.2	rev 2.0	GC-MS	10090003	7690

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### Organic Parameters - Drinking Water

Analyte	Method	Method Revision # or date	Technology Description	TNI Method Code	TNI Analyte Code
Hexachlorobenzene	EPA 525.2	rev 2.0	GC-MS	10090003	6275
Hexachlorobutadiene (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	4835
Hexachlorocyclopentadiene	EPA 525.2	rev 2.0	GC-MS	10090003	6285
Indeno(1,2,3-cd)pyrene (LDH)	EPA 525.2	rev 2.0	GC-MS	10090003	6315
Isopropylbenzene (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	4900
Methiocarb (LDH)	EPA 531.1	rev 3.1	HPLC-FLUOR	10091006	7800
Methomyl (LDH)	EPA 531.1	rev 3.1	HPLC-FLUOR	10091006	7805
Methoxychlor	EPA 525.2	rev 2.0	GC-MS	10090003	7810
Methyl Bromide (Bromomethane) (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	4950
Methyl Chloride (Chloromethane) (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	4960
Methyl tert-butyl Ether (MTBE) (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	5000
Metolachlor (LDH)	EPA 525.2	rev 2.0	GC-MS	10090003	7835
Metribuzin (LDH)	EPA 525.2	rev 2.0	GC-MS	10090003	7845
Naphthalene (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	5005
n-Butylbenzene (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	4435
n-Propylbenzene (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	5090
Oxamyl	EPA 531.1	rev 3.1	HPLC-FLUOR	10091006	7940
Pentachlorophenol	EPA 515.1	rev 4.0	GC-ECD	10087408	6605
Picloram	EPA 515.1	rev 4.0	GC-ECD	10087408	8645
Propachlor (LDH)	EPA 525.2	rev 2.0	GC-MS	10090003	8045
Propoxur (Baygon) (LDH)	EPA 531.1	rev 3.1	HPLC-FLUOR	10091006	8080
Pyrene (LDH)	EPA 525.2	rev 2.0	GC-MS	10090003	6665
sec-Butylbenzene (LDH)	EPA 524.2	rev 4.1	GC-MS	10088809	4440
Silvex (2,4,5-TP)	EPA 515.1	rev 4.0	GC-ECD	10087408	8650
Simazine	EPA 525.2	rev 2.0	GC-MS	10090003	8125

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Styrene	EPA 524.2	rev 4.1	GC-MS	10088809	5100
tert-Butylbenzene ( <i>LDH</i> )	EPA 524.2	rev 4.1	GC-MS	10088809	4445
Tetrachloroethylene	EPA 524.2	rev 4.1	GC-MS	10088809	5115
Toluene	EPA 524.2	rev 4.1	GC-MS	10088809	5140
Total Haloacetic Acids (HAA5)	EPA 552.2	rev 1.0	GC-ECD	10095804	9414
Total Trihalomethanes (THMs)	EPA 524.2	rev 4.1	GC-MS	10088809	5205
Toxaphene	EPA 508	rev 3.1	GC-ECD	10085208	8250
trans-1,2-Dichloroethylene	EPA 524.2	rev 4.1	GC-MS	10088809	4700
trans-1,3-Dichloropropene ( <i>LDH</i> )	EPA 524.2	rev 4.1	GC-MS	10088809	4685
Trichloroacetic Acid	EPA 552.2	rev 1.0	GC-ECD	10095804	9642
Trichloroethylene	EPA 524.2	rev 4.1	GC-MS	10088809	5170
Trichlorofluoromethane ( <i>LDH</i> )	EPA 524.2	rev 4.1	GC-MS	10088809	5175
Vinyl Chloride	EPA 524.2	rev 4.1	GC-MS	10088809	5235
Xylenes (total)	EPA 524.2	rev 4.1	GC-MS	10088809	5260

The State of Texas is the primary TNI Accreditation Body for Ana-Lab Corporation and the Louisiana Department of Health is a secondary Accreditation Body for this laboratory. The marking (*LDH*) next to the analyte name indicates an analyte where the Louisiana Department of Health serves as the primary TNI Accreditation Body. For a list of additional parameters, refer to the Texas Commission on Environmental Quality Certificate Number T104704201-17-13.