

Texas Commission on Environmental Quality



NELAP - Recognized Laboratory Fields of Accreditation

San Antonio Water System Environmental Laboratory
 3610 Valley Road
 San Antonio, TX 78221-5321

Certificate: T104704324-19-13
 Expiration Date: 1/31/2020
 Issue Date: 2/1/2019

These fields of accreditation supercede all previous fields. The Texas Commission on Environmental Quality urges customers to verify the laboratory's current accreditation status for particular methods and analyses.

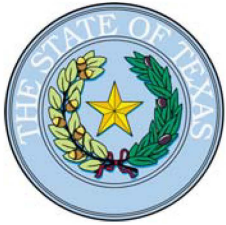
Matrix: *Drinking Water*

Method EPA 200.7

Analyte	AB	Analyte ID	Method ID
Aluminum	TX	1000	10013806
Antimony	TX	1005	10013806
Arsenic	TX	1010	10013806
Barium	TX	1015	10013806
Beryllium	TX	1020	10013806
Boron	TX	1025	10013806
Cadmium	TX	1030	10013806
Chromium	TX	1040	10013806
Cobalt	TX	1050	10013806
Copper	TX	1055	10013806
Iron	TX	1070	10013806
Lead	TX	1075	10013806
Lithium	TX	1080	10013806
Magnesium	TX	1085	10013806
Manganese	TX	1090	10013806
Molybdenum	TX	1100	10013806
Nickel	TX	1105	10013806
Potassium	TX	1125	10013806
Selenium	TX	1140	10013806
Silica as SiO2	TX	1990	10013806
Silver	TX	1150	10013806
Sodium	TX	1155	10013806
Strontium	TX	1160	10013806
Thallium	TX	1165	10013806
Vanadium	TX	1185	10013806
Zinc	TX	1190	10013806

Method EPA 200.8

Analyte	AB	Analyte ID	Method ID
Aluminum	TX	1000	10014605



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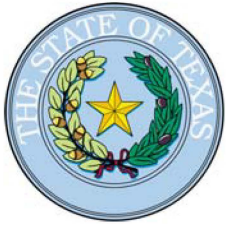
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Antimony	TX	1005	10014605
Arsenic	TX	1010	10014605
Barium	TX	1015	10014605
Beryllium	TX	1020	10014605
Cadmium	TX	1030	10014605
Chromium	TX	1040	10014605
Copper	TX	1055	10014605
Lead	TX	1075	10014605
Lithium	TX	1080	10014605
Manganese	TX	1090	10014605
Nickel	TX	1105	10014605
Selenium	TX	1140	10014605
Silver	TX	1150	10014605
Thallium	TX	1165	10014605
Uranium	TX	3035	10014605
Zinc	TX	1190	10014605
Method EPA 245.1			
Analyte	AB	Analyte ID	Method ID
Mercury	TX	1095	10036609
Method EPA 300.0			
Analyte	AB	Analyte ID	Method ID
Chloride	TX	1575	10053200
Fluoride	TX	1730	10053200
Nitrate as N	TX	1810	10053200
Nitrite as N	TX	1840	10053200
Sulfate	TX	2000	10053200
Method EPA 524.2			
Analyte	AB	Analyte ID	Method ID
1,1,1-Trichloroethane	TX	5160	10088809
1,1,2-Trichloroethane	TX	5165	10088809
1,1-Dichloroethylene	TX	4640	10088809



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Matrix: *Drinking Water*

1,2,4-Trichlorobenzene	TX	5155	10088809
1,2-Dichlorobenzene	TX	4610	10088809
1,2-Dichloroethane (Ethylene dichloride)	TX	4635	10088809
1,2-Dichloropropane	TX	4655	10088809
1,4-Dichlorobenzene	TX	4620	10088809
Benzene	TX	4375	10088809
Carbon tetrachloride	TX	4455	10088809
Chlorobenzene	TX	4475	10088809
cis-1,2-Dichloroethylene	TX	4645	10088809
Ethylbenzene	TX	4765	10088809
m+p-xylene	TX	5240	10088809
Methylene chloride (Dichloromethane)	TX	4975	10088809
o-Xylene	TX	5250	10088809
Styrene	TX	5100	10088809
Tetrachloroethylene (Perchloroethylene)	TX	5115	10088809
Toluene	TX	5140	10088809
Total trihalomethanes	TX	5205	10088809
trans-1,2-Dichloroethylene	TX	4700	10088809
Trichloroethene (Trichloroethylene)	TX	5170	10088809
Vinyl chloride	TX	5235	10088809
Xylene (total)	TX	5260	10088809

Method SM 2340 C

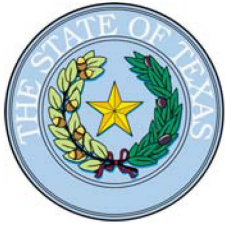
Analyte	AB	Analyte ID	Method ID
Total hardness as CaCO3	TX	1755	20047001

Method SM 2510 B

Analyte	AB	Analyte ID	Method ID
Conductivity	TX	1610	20048004

Method SM 2540 C

Analyte	AB	Analyte ID	Method ID
Residue-filterable (TDS)	TX	1955	20049803



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Matrix: *Drinking Water*

Method SM 9215 B

Analyte

Heterotrophic plate count

AB

TX

Analyte ID

2555

Method ID

20180001

Method SM 9223-IDEXX Laboratories
 Colilert® Test

Analyte

Total coliforms and E. coli (P/A)

AB

TX

Analyte ID

2502

Method ID

20212413

Method SM 9223-IDEXX Laboratories
 Colilert®-18 Test

Analyte

Total coliforms and E. coli (P/A)

AB

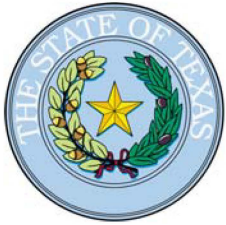
TX

Analyte ID

2502

Method ID

20214602



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Matrix: *Non-Potable Water*

Method EPA 1664

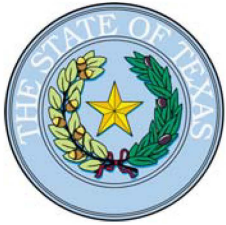
Analyte	AB	Analyte ID	Method ID
n-Hexane Extractable Material (HEM) (O&G)	TX	1803	10127807

Method EPA 180.1

Analyte	AB	Analyte ID	Method ID
Turbidity	TX	2055	10011606

Method EPA 200.7

Analyte	AB	Analyte ID	Method ID
Aluminum	TX	1000	10013806
Antimony	TX	1005	10013806
Arsenic	TX	1010	10013806
Barium	TX	1015	10013806
Beryllium	TX	1020	10013806
Boron	TX	1025	10013806
Cadmium	TX	1030	10013806
Calcium	TX	1035	10013806
Chromium	TX	1040	10013806
Cobalt	TX	1050	10013806
Copper	TX	1055	10013806
Iron	TX	1070	10013806
Lead	TX	1075	10013806
Lithium	TX	1080	10013806
Magnesium	TX	1085	10013806
Manganese	TX	1090	10013806
Molybdenum	TX	1100	10013806
Nickel	TX	1105	10013806
Potassium	TX	1125	10013806
Selenium	TX	1140	10013806
Silica as SiO ₂	TX	1990	10013806
Silver	TX	1150	10013806
Sodium	TX	1155	10013806



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Matrix: Non-Potable Water

Strontium	TX	1160	10013806
Thallium	TX	1165	10013806
Vanadium	TX	1185	10013806
Zinc	TX	1190	10013806

Method EPA 200.8

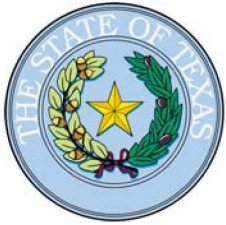
Analyte	AB	Analyte ID	Method ID
Aluminum	TX	1000	10014605
Antimony	TX	1005	10014605
Arsenic	TX	1010	10014605
Barium	TX	1015	10014605
Beryllium	TX	1020	10014605
Cadmium	TX	1030	10014605
Chromium	TX	1040	10014605
Cobalt	TX	1050	10014605
Copper	TX	1055	10014605
Lead	TX	1075	10014605
Manganese	TX	1090	10014605
Molybdenum	TX	1100	10014605
Nickel	TX	1105	10014605
Selenium	TX	1140	10014605
Silver	TX	1150	10014605
Thallium	TX	1165	10014605
Uranium	TX	3035	10014605
Vanadium	TX	1185	10014605
Zinc	TX	1190	10014605

Method EPA 245.1

Analyte	AB	Analyte ID	Method ID
Mercury	TX	1095	10036609

Method EPA 300.0

Analyte	AB	Analyte ID	Method ID
Bromide	TX	1540	10053200



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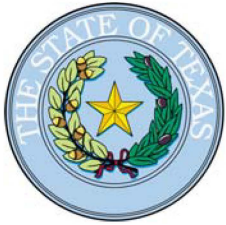
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Chloride	TX	1575	10053200
Fluoride	TX	1730	10053200
Nitrate as N	TX	1810	10053200
Nitrate-nitrite	TX	1820	10053200
Nitrite as N	TX	1840	10053200
Sulfate	TX	2000	10053200
Method EPA 335.4			
Analyte	AB	Analyte ID	Method ID
Total cyanide	TX	1645	10061402
Method EPA 350.1			
Analyte	AB	Analyte ID	Method ID
Ammonia as N	TX	1515	10063408
Method EPA 415.1			
Analyte	AB	Analyte ID	Method ID
Total Organic Carbon (TOC)	TX	2040	10078407
Method EPA 420.1			
Analyte	AB	Analyte ID	Method ID
Total phenolics	TX	1905	10079400
Method EPA 624			
Analyte	AB	Analyte ID	Method ID
1,1,1-Trichloroethane	TX	5160	10107207
1,1,2,2-Tetrachloroethane	TX	5110	10107207
1,1,2-Trichloroethane	TX	5165	10107207
1,1-Dichloroethane	TX	4630	10107207
1,1-Dichloroethylene	TX	4640	10107207
1,2-Dibromoethane (EDB, Ethylene dibromide)	TX	4585	10107207
1,2-Dichlorobenzene	TX	4610	10107207
1,2-Dichloroethane (Ethylene dichloride)	TX	4635	10107207
1,2-Dichloropropane	TX	4655	10107207
1,3-Dichlorobenzene	TX	4615	10107207
1,4-Dichlorobenzene	TX	4620	10107207



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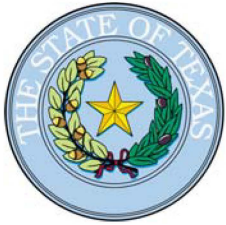
2-Butanone (Methyl ethyl ketone, MEK)	TX	4410	10107207
2-Chloroethyl vinyl ether	TX	4500	10107207
Acrolein (Propenal)	TX	4325	10107207
Acrylonitrile	TX	4340	10107207
Benzene	TX	4375	10107207
Bromodichloromethane	TX	4395	10107207
Bromoform	TX	4400	10107207
Carbon tetrachloride	TX	4455	10107207
Chlorobenzene	TX	4475	10107207
Chlorodibromomethane	TX	4575	10107207
Chloroethane (Ethyl chloride)	TX	4485	10107207
Chloroform	TX	4505	10107207
cis-1,3-Dichloropropene	TX	4680	10107207
Ethylbenzene	TX	4765	10107207
Methyl bromide (Bromomethane)	TX	4950	10107207
Methyl chloride (Chloromethane)	TX	4960	10107207
Methylene chloride (Dichloromethane)	TX	4975	10107207
Tetrachloroethylene (Perchloroethylene)	TX	5115	10107207
Toluene	TX	5140	10107207
Total trihalomethanes	TX	5205	10107207
trans-1,2-Dichloroethylene	TX	4700	10107207
trans-1,3-Dichloropropylene	TX	4685	10107207
Trichloroethene (Trichloroethylene)	TX	5170	10107207
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	TX	5175	10107207
Vinyl chloride	TX	5235	10107207

Method Hach Co. m-ColiBlue24® Test

Analyte	AB	Analyte ID	Method ID
Escherichia coli (enumeration)	TX	2525	60031007

Method SM 2320 B

Analyte	AB	Analyte ID	Method ID
Alkalinity as CaCO3	TX	1505	20045005



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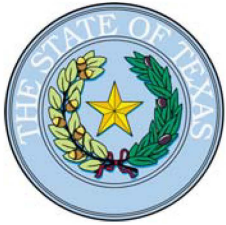
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Method SM 2340 B			
Analyte Total hardness as CaCO ₃	AB TX	Analyte ID 1755	Method ID 20046008
Method SM 2340 C			
Analyte Total hardness as CaCO ₃	AB TX	Analyte ID 1755	Method ID 20047001
Method SM 2510 B			
Analyte Conductivity	AB TX	Analyte ID 1610	Method ID 20048004
Method SM 2540 B			
Analyte Residue-total (total solids)	AB TX	Analyte ID 1950	Method ID 20004608
Method SM 2540 C			
Analyte Residue-filterable (TDS)	AB TX	Analyte ID 1955	Method ID 20049803
Method SM 3500-Cr B			
Analyte Chromium (VI)	AB TX	Analyte ID 1045	Method ID 20065809
Method SM 4500-H+ B			
Analyte pH	AB TX	Analyte ID 1900	Method ID 20104603
Method SM 4500-NH ₃ B			
Analyte Ammonia as N	AB TX	Analyte ID 1515	Method ID 20022804
Method SM 4500-NH ₃ C			
Analyte Ammonia as N	AB TX	Analyte ID 1515	Method ID 20023603
Analyte Kjeldahl Nitrogen (Total Kjeldahl Nitrogen-TKN)	AB TX	Analyte ID 1790	Method ID 20023603
Method SM 4500-P F			
Analyte Phosphorus	AB TX	Analyte ID 1910	Method ID 20026000



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Matrix: *Non-Potable Water*

Method SM 5210 B

Analyte	AB	Analyte ID	Method ID
Biochemical oxygen demand (BOD)	TX	1530	20027401
Carbonaceous BOD, CBOD	TX	1555	20027401

Method SM 5220 D

Analyte	AB	Analyte ID	Method ID
Chemical oxygen demand (COD)	TX	1565	20027809

Method SM 9215 B

Analyte	AB	Analyte ID	Method ID
Heterotrophic plate count	TX	2555	20180001

Method SM 9223 B

Analyte	AB	Analyte ID	Method ID
Escherichia coli (enumeration)	TX	2525	20211205

Method USGS I-3765-85

Analyte	AB	Analyte ID	Method ID
Residue-nonfilterable (TSS)	TX	1960	40011209