



Texas Commission on Environmental Quality



NELAP - Recognized Laboratory Fields of Accreditation

City of Houston - Drinking Water Operations Laboratory

2300 Federal Road
Houston, TX 77015-6700

Certificate: T104704277-16-15
Expiration Date: 12/31/2017
Issue Date: 1/1/2017

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 | Analyte | AB | Analyte ID | Method ID |
|-----------|-----------------------------|----|------------|-----------|
| EPA 130.2 | Hardness | TX | 1750 | 10007202 |
| EPA 160.1 | Residue-filterable (TDS) | TX | 1955 | 10009208 |
| EPA 160.2 | Residue-nonfilterable (TSS) | TX | 1960 | 10009606 |
| EPA 200.7 | Iron | TX | 1070 | 10013806 |
| EPA 200.7 | Manganese | TX | 1090 | 10013806 |
| EPA 200.8 | Antimony | TX | 1005 | 10014605 |
| EPA 200.8 | Arsenic | TX | 1010 | 10014605 |
| EPA 200.8 | Barium | TX | 1015 | 10014605 |
| EPA 200.8 | Cadmium | TX | 1030 | 10014605 |
| EPA 200.8 | Chromium | TX | 1040 | 10014605 |
| EPA 200.8 | Copper | TX | 1055 | 10014605 |
| EPA 200.8 | Lead | TX | 1075 | 10014605 |
| EPA 200.8 | Nickel | TX | 1105 | 10014605 |
| EPA 200.8 | Selenium | TX | 1140 | 10014605 |
| EPA 200.8 | Silver | TX | 1150 | 10014605 |
| EPA 200.8 | Thallium | TX | 1165 | 10014605 |
| EPA 200.8 | Zinc | TX | 1190 | 10014605 |
| EPA 300.0 | Bromide | TX | 1540 | 10053006 |
| EPA 300.0 | Chloride | TX | 1575 | 10053006 |



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| | | | |
|--------------|----|------|----------|
| Fluoride | TX | 1730 | 10053006 |
| Nitrate as N | TX | 1810 | 10053006 |
| Nitrite as N | TX | 1840 | 10053006 |
| Sulfate | TX | 2000 | 10053006 |

Method EPA 524.2

| Analyte | AB | Analyte ID | Method ID |
|--|----|------------|-----------|
| 1,1,1-Trichloroethane | TX | 5160 | 10089006 |
| 1,1,2-Trichloroethane | TX | 5165 | 10089006 |
| 1,1-Dichloroethylene | TX | 4640 | 10089006 |
| 1,2,4-Trichlorobenzene | TX | 5155 | 10089006 |
| 1,2-Dichlorobenzene | TX | 4610 | 10089006 |
| 1,2-Dichloroethane (Ethylene dichloride) | TX | 4635 | 10089006 |
| 1,2-Dichloropropane | TX | 4655 | 10089006 |
| 1,4-Dichlorobenzene | TX | 4620 | 10089006 |
| Benzene | TX | 4375 | 10089006 |
| Carbon tetrachloride | TX | 4455 | 10089006 |
| Chlorobenzene | TX | 4475 | 10089006 |
| cis-1,2-Dichloroethylene | TX | 4645 | 10089006 |
| Ethylbenzene | TX | 4765 | 10089006 |
| m+p-xylene | TX | 5240 | 10089006 |
| Methylene chloride (Dichloromethane) | TX | 4975 | 10089006 |
| o-Xylene | TX | 5250 | 10089006 |
| Styrene | TX | 5100 | 10089006 |
| Tetrachloroethylene (Perchloroethylene) | TX | 5115 | 10089006 |
| Toluene | TX | 5140 | 10089006 |
| Total trihalomethanes | TX | 5205 | 10089006 |
| trans-1,2-Dichloroethylene | TX | 4700 | 10089006 |
| Trichloroethene (Trichloroethylene) | TX | 5170 | 10089006 |
| Vinyl chloride | TX | 5235 | 10089006 |
| Xylene (total) | TX | 5260 | 10089006 |



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| Method | AB | Analyte ID | Method ID |
|---|----|------------|-----------|
| EPA 552.2 | | | |
| Analyte Total haloacetic acids | TX | 9414 | 10095804 |
| IDEXX Laboratories SimPlate® | | | |
| Analyte Heterotrophic plate count | TX | 2555 | 60032602 |
| SM 2340 C | | | |
| Analyte Total hardness as CaCO3 | TX | 1755 | 20047001 |
| SM 2510 B | | | |
| Analyte Conductivity | TX | 1610 | 20048004 |
| SM 2540 C | | | |
| Analyte Residue-filterable (TDS) | TX | 1955 | 20049803 |
| SM 2540 D | | | |
| Analyte Residue-nonfilterable (TSS) | TX | 1960 | 20004802 |
| SM 9223-IDEXX Laboratories Colilert® Test | | | |
| Analyte Total coliforms and E. coli (P/A) | TX | 2502 | 20212413 |
| SM 9223-IDEXX Laboratories Colilert®-18 Test | | | |
| Analyte Total coliforms and E. coli (P/A) | TX | 2502 | 20214602 |



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Matrix: Non-Potable Water

Method ASTM D6503

| | | | |
|----------------|-----------|-------------------|------------------|
| Analyte | AB | Analyte ID | Method ID |
| Enterococci | TX | 2520 | 30032407 |

Method EPA 160.2

| | | | |
|-----------------------------|-----------|-------------------|------------------|
| Analyte | AB | Analyte ID | Method ID |
| Residue-nonfilterable (TSS) | TX | 1960 | 10009606 |

Method EPA 160.3

| | | | |
|------------------------------|-----------|-------------------|------------------|
| Analyte | AB | Analyte ID | Method ID |
| Residue-total (total solids) | TX | 1950 | 10010001 |

Method EPA 300.0

| | | | |
|---------------------|-----------|-------------------|------------------|
| Analyte | AB | Analyte ID | Method ID |
| Chloride | TX | 1575 | 10053006 |
| Fluoride | TX | 1730 | 10053006 |
| Nitrate as N | TX | 1810 | 10053006 |
| Nitrate-nitrite | TX | 1820 | 10053006 |
| Orthophosphate as P | TX | 1870 | 10053006 |
| Sulfate | TX | 2000 | 10053006 |

Method EPA 310.1

| | | | |
|---------------------|-----------|-------------------|------------------|
| Analyte | AB | Analyte ID | Method ID |
| Alkalinity as CaCO3 | TX | 1505 | 10054805 |

Method EPA 350.3

| | | | |
|----------------|-----------|-------------------|------------------|
| Analyte | AB | Analyte ID | Method ID |
| Ammonia as N | TX | 1515 | 10064401 |

Method EPA 365.3

| | | | |
|---------------------|-----------|-------------------|------------------|
| Analyte | AB | Analyte ID | Method ID |
| Orthophosphate as P | TX | 1870 | 10070801 |
| Phosphorus | TX | 1910 | 10070801 |

Method EPA 415.1

| | | | |
|----------------------------|-----------|-------------------|------------------|
| Analyte | AB | Analyte ID | Method ID |
| Total Organic Carbon (TOC) | TX | 2040 | 10078407 |



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Matrix: *Non-Potable Water*

Method IDEXX Laboratories Colilert®-18

| | | | |
|--------------------------------|-----------|-------------------|------------------|
| Analyte | AB | Analyte ID | Method ID |
| Escherichia coli (enumeration) | TX | 2525 | 20212800 |

Method IDEXX Laboratories Enterolert®

| | | | |
|----------------|-----------|-------------------|------------------|
| Analyte | AB | Analyte ID | Method ID |
| Enterococci | TX | 2520 | 60030208 |

Method SM 2320 B

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

Method SM 2510 B

| | | | |
|----------------|-----------|-------------------|------------------|
| Analyte | AB | Analyte ID | Method ID |
| Conductivity | TX | 1610 | 20048004 |

Method SM 2540 B

| | | | |
|------------------------------|-----------|-------------------|------------------|
| Analyte | AB | Analyte ID | Method ID |
| Residue-total (total solids) | TX | 1950 | 20004608 |

Method SM 2540 D

| | | | |
|-----------------------------|-----------|-------------------|------------------|
| Analyte | AB | Analyte ID | Method ID |
| Residue-nonfilterable (TSS) | TX | 1960 | 20004802 |

Method SM 4500-NH3 D

| | | | |
|----------------|-----------|-------------------|------------------|
| Analyte | AB | Analyte ID | Method ID |
| Ammonia as N | TX | 1515 | 20108809 |

Method SM 4500-P E

| | | | |
|---------------------|-----------|-------------------|------------------|
| Analyte | AB | Analyte ID | Method ID |
| Orthophosphate as P | TX | 1870 | 20025803 |
| Phosphorus | TX | 1910 | 20025803 |

Method SM 5310 C

| | | | |
|----------------------------|-----------|-------------------|------------------|
| Analyte | AB | Analyte ID | Method ID |
| Total Organic Carbon (TOC) | TX | 2040 | 20138209 |

Method SM 9223 B

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