



State of Kansas

Department of Health and Environment

CERTIFICATE

This is to certify that Certification No.: E-10429

Unified State Laboratories: Public Health

4431 S. Constitution Blvd.
Taylorsville, UT 84129-8600

has been accredited in accordance with K.S.A. 65-1,109a under the standards adopted in K.A.R. 28-15-36 for performing environmental analyses for the parameters listed on the most current scope of accreditation. Continuous accreditation depends on successful, ongoing participation in the program. Clients are urged to verify with this agency the laboratory's certification status for particular methods and analytes.

Effective Date: 2/1/2024

Expiration Date: 1/31/2025

A handwritten signature in black ink, appearing to read "S Sakallah".

Dr. Sameer Sakallah
Lab Director
Office of Laboratory Services

A handwritten signature in black ink, appearing to read "Carissa Robertson".

Carissa Robertson
Certification Section Chief
Office of Laboratory Services

Janet Stanek, Secretary

Laura Kelly, Governor

The Kansas Department of Health and Environment encourages all clients and data users to verify the most current scope of accreditation for certification number E-10429

The analytes tested and the corresponding matrix and method which a laboratory is authorized to perform at any given time will be those indicated in the most recently issued scope of accreditation. The most recent scope of accreditation supersedes all previously issued scopes of accreditation. It is the certified laboratory's responsibility to review this document for any discrepancies. This scope of accreditation will be recalled in the event that your laboratory's certification is revoked.

Accreditation Start: 2/1/2024 Accreditation End: 1/31/2025

EPA Number: UT00002

Scope of Accreditation for Certification Number: E-10429

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Unified State Laboratories: Public Health

Primary AB

Program/Matrix: CWA (Non Potable Water)

Method EPA 150.1

pH KS

Method EPA 180.1 Rev. 2 - 1993

Turbidity KS

Method EPA 200.7 Rev 4.4

Boron KS

Calcium KS

Iron KS

Magnesium KS

Potassium KS

Sodium KS

Method EPA 200.8 Rev 5.4

Aluminum KS

Antimony KS

Arsenic KS

Barium KS

Beryllium KS

Cadmium KS

Calcium KS

Chromium KS

Cobalt KS

Copper KS

Lead KS

Manganese KS

Molybdenum KS

Nickel KS

Selenium KS

Unified State Laboratories: Public Health

Primary AB

Program/Matrix: *CWA (Non Potable Water)*

Silver	KS
Strontium	KS
Thallium	KS
Vanadium	KS
Zinc	KS
Method EPA 245.1	
Mercury	KS
Method EPA 300.1	
Bromide	KS
Method EPA 325.2	
Chloride	KS
Method EPA 335.4	
Total cyanide	KS
Method EPA 353.2	
Nitrate as N	KS
Nitrate plus Nitrite as N	KS
Method EPA 365.1	
Orthophosphate as P	KS
Phosphorus	KS
Method EPA 375.2	
Sulfate	KS
Method EPA 533	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	KS
11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	KS
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	KS
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	KS
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	KS
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	KS
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	KS
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	KS
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	KS
Perfluoro-3-methoxypropanoic acid (PFMPA)	KS
Perfluoro-4-methoxybutanoic acid (PFMBA)	KS
Perfluorobutane sulfonic acid (PFBS)	KS
Perfluorodecanoic acid (PFDA)	KS
Perfluorododecanoic acid (PFDaA)	KS
Perfluoroheptane sulfonic acid (PFHpS)	KS
Perfluoroheptanoic acid (PFHpA)	KS
Perfluorohexane sulfonic acid (PFHxS)	KS
Perfluorohexanoic acid (PFHxA)	KS
Perfluorononanoic acid (PFNA)	KS
Perfluorooctane sulfonic acid (PFOS)	KS
Perfluorooctanoic acid (PFOA)	KS
Perfluoropentane sulfonic acid (PFPeS)	KS
Perfluoropentanoic acid (PFPeA)	KS

Unified State Laboratories: Public Health

Primary AB

Program/Matrix: *CWA (Non Potable Water)*

Perfluoroundecanoic acid (PFUnDA) KS

Method EPA 537.1

11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS) KS

4,8-Dioxa-3H-perfluorononanoic acid (DONA) KS

9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS) KS

Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX) KS

N-Ethylperfluorooctane sulfonamido acetic acid KS

N-Methylperfluorooctane sulfonamido acetic acid KS

Perfluorobutane sulfonic acid (PFBS) KS

Perfluorodecanoic acid (PFDA) KS

Perfluorododecanoic acid (PFDoA) KS

Perfluoroheptanoic acid (PFHpA) KS

Perfluorohexane sulfonic acid (PFHxS) KS

Perfluorohexanoic acid (PFHxA) KS

Perfluorononanoic acid (PFNA) KS

Perfluorooctane sulfonic acid (PFOS) KS

Perfluorooctanoic acid (PFOA) KS

Perfluorotetradecanoic acid (PFTDA) KS

Perfluorotridecanoic acid (PFTrDA) KS

Perfluoroundecanoic acid (PFUnDA) KS

Method EPA 546

Total Microcystin KS

Method Legiolert

Legionella pneumophila KS

Method SM 10200 H - 2011

Chlorophyll a KS

Pheophytin A KS

Method SM 10300 C-2001

Periphyton KS

Method SM 2320 B-2011Alkalinity as CaCO₃ KS**Method SM 2340 B-2011**Total hardness as CaCO₃ KS**Method SM 2510 B-2011**

Conductivity KS

Method SM 2540 C-2015

Residue-filterable (TDS) KS

Method SM 2540 D-2015

Residue-nonfilterable (TSS) KS

Method SM 2540 E-2015

Residue-volatile KS

Method SM 3114 C-2011

Selenium KS

Method SM 4500-NH3 H-2011

Unified State Laboratories: Public Health

Primary AB**Program/Matrix:** *CWA (Non Potable Water)*

Ammonia	KS
Method SM 4500-S2⁻ D-2011	
Sulfide	KS
Method SM 4500-SiO₂ F-2011	
Silica as SiO ₂	KS
Method SM 5310 B-2014	
Total organic carbon	KS
Method SM 9223 B (Colilert® Quanti-Tray)-2004	
Escherichia coli	KS
Total coliforms	KS
Method SM 9223 B (Colilert®)-2004	
Escherichia coli	KS
Total coliforms	KS
Method SM 9223 B (Colisure®)-2004	
Escherichia coli	KS
Total coliforms	KS
Method SM 9260 J-2007	
Legionella pneumophila	KS
Method Tot N and TKN by Calc w/ Chemiluminescence	
Total Nitrogen	KS

Unified State Laboratories: Public Health

Primary AB

Program/Matrix: SDWA (Potable Water)

Method EPA 150.1

pH KS

Method EPA 180.1 Rev. 2 - 1993

Turbidity KS

Method EPA 200.7 Rev 4.4

Boron KS

Calcium KS

Iron KS

Magnesium KS

Potassium KS

Sodium KS

Method EPA 200.8 Rev 5.4

Aluminum KS

Antimony KS

Arsenic KS

Barium KS

Beryllium KS

Cadmium KS

Chromium KS

Cobalt KS

Copper KS

Lead KS

Manganese KS

Molybdenum KS

Nickel KS

Selenium KS

Silver KS

Strontium KS

Thallium KS

Tin KS

Vanadium KS

Zinc KS

Method EPA 245.1

Mercury KS

Method EPA 300.0

Chloride KS

Fluoride KS

Sulfate KS

Method EPA 300.1

Bromate KS

Bromide KS

Chlorate KS

Chlorite KS

Method EPA 335.4

Total cyanide KS

Unified State Laboratories: Public Health

Primary AB

Program/Matrix: *SDWA (Potable Water)***Method EPA 353.2**

Nitrate as N	KS
Nitrate plus Nitrite as N	KS
Nitrite as N	KS

Method EPA 365.1

Orthophosphate as P	KS
Phosphorus, total	KS

Method EPA 524.2 Rev 4.1

Bromodichloromethane	KS
Bromoform	KS
Chlorodibromomethane	KS
Chloroform	KS

Method EPA 533

1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	KS
11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	KS
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	KS
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	KS
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	KS
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	KS
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	KS
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	KS
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	KS
Perfluoro-3-methoxypropanoic acid (PFMPA)	KS
Perfluoro-4-methoxybutanoic acid (PFMBA)	KS
Perfluorobutane sulfonic acid (PFBS)	KS
Perfluorobutanoic acid (PFBA)	KS
Perfluorodecanoic acid (PFDA)	KS
Perfluorododecanoic acid (PFDoA)	KS
Perfluoroheptane sulfonic acid (PFHpS)	KS
Perfluoroheptanoic acid (PFHpA)	KS
Perfluorohexane sulfonic acid (PFHxS)	KS
Perfluorohexanoic acid (PFHxA)	KS
Perfluorononanoic acid (PFNA)	KS
Perfluorooctane sulfonic acid (PFOS)	KS
Perfluorooctanoic acid (PFOA)	KS
Perfluoropentane sulfonic acid (PFPeS)	KS
Perfluoropentanoic acid (PFPeA)	KS
Perfluoroundecanoic acid (PFUnDA)	KS

Method EPA 537.1

11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	KS
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	KS
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	KS
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	KS
N-Ethylperfluorooctane sulfonamido acetic acid	KS
N-Methylperfluorooctane sulfonamido acetic acid	KS
Perfluorobutane sulfonic acid (PFBS)	KS

Unified State Laboratories: Public Health

Primary AB

Program/Matrix: *SDWA (Potable Water)*

Perfluorodecanoic acid (PFDA)	KS
Perfluorododecanoic acid (PFDoA)	KS
Perfluoroheptanoic acid (PFHpA)	KS
Perfluorohexane sulfonic acid (PFHxS)	KS
Perfluorohexanoic acid (PFHxA)	KS
Perfluorononanoic acid (PFNA)	KS
Perfluorooctane sulfonic acid (PFOS)	KS
Perfluorooctanoic acid (PFOA)	KS
Perfluorotetradecanoic acid (PFTDA)	KS
Perfluorotridecanoic acid (PFTrDA)	KS
Perfluoroundecanoic acid (PFUnDA)	KS
Method EPA 546	
Total Microcystin	KS
Method Legiolert	
Legionella pneumophila	KS
Method SM 2120 B-2011	
Color	KS
Method SM 2150 B-2011	
Odor	KS
Method SM 2320 B-2011	
Alkalinity as CaCO ₃	KS
Method SM 2330 B-2000	
Corrosivity	KS
Method SM 2340 B-2011	
Total hardness as CaCO ₃	KS
Method SM 2510 B-2011	
Conductivity	KS
Method SM 2540 C-2015	
Residue-filterable (TDS)	KS
Method SM 4500-Cl G-2011	
Total residual chlorine	KS
Method SM 4500-NH₃ H-2011	
Ammonia	KS
Method SM 5310 B-2014	
Total organic carbon	KS
Method SM 6251 B-2007	
Bromoacetic acid	KS
Chloroacetic acid	KS
Dibromoacetic acid	KS
Dichloroacetic acid	KS
Trichloroacetic acid	KS
Method SM 9223 B (Colilert® Quanti-Tray)-2004	
Escherichia coli	KS
Total coliforms	KS

Unified State Laboratories: Public Health

Primary AB

Program/Matrix: *SDWA (Potable Water)*

Method **SM 9223 B (Colilert®)-2004**

Escherichia coli

KS

Total coliforms

KS

Method **SM 9223 B (Colisure®)-2004**

Escherichia coli

KS

Total coliforms

KS

Method **SM 9260 J-2007**

Legionella pneumophila

KS

End of Scope of Accreditation