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D3871-84(2017) Standard Test Method for Purgeable Organic Compounds in Water Using Headspace Sampling

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D5241-92(2017) Standard Practice for Micro-Extraction of Water for Analysis of Volatile and Semi-Volatile Organic Compounds in Water

D5175-91(2017)e1 Standard Test Method for Organohalide Pesticides and Polychlorinated Biphenyls in Water by Microextraction and Gas Chromatography

D7285-06(2017) Standard Guide for Recordkeeping Microfiltration and Ultrafiltration Systems

D5316-98(2017) Standard Test Method for 1,2-Dibromoethane and 1,2-Dibromo-3-Chloropropane in Water by Microextraction and Gas Chromatography

D5315-04(2017)e1 Standard Test Method for Determination of N-Methyl-Carbamoyloximes and N-Methylcarbamates in Water by Direct Aqueous Injection HPLC with Post-Column Derivatization

D6908-06(2017) Standard Practice for Integrity Testing of Water Filtration Membrane Systems

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D5788-95(2017) Standard Guide for Spiking Organics into Aqueous Samples

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D6807-17 Standard Test Method for Operating Performance of Continuous Electrodeionization Systems on Reverse Osmosis Permeates from 2 to 100 μ S/cm

D8028-17 Standard Test Method for Measurement of Dissolved Gases Methane, Ethane, Ethylene, and Propane by Static Headspace Sampling and Flame Ionization Detection (GC/FID)

D4839-03(2017) Standard Test Method for Total Carbon and Organic Carbon in Water by Ultraviolet, or Persulfate Oxidation, or Both, and Infrared Detection

D6800-18 Standard Practice for Preparation of Water Samples Using Reductive Precipitation Preconcentration Technique for ICP-MS Analysis of Trace Metals

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D6520-18 Standard Practice for the Solid Phase Micro Extraction (SPME) of Water and its Headspace for the Analysis of Volatile and Semi-Volatile Organic Compounds

D5790-18 Standard Test Method for Measurement of Purgeable Organic Compounds in Water by Capillary Column Gas Chromatography/Mass Spectrometry

D4128-18 Standard Guide for Identification and Quantitation of Organic Compounds in Water by Combined Gas Chromatography and Electron Impact Mass Spectrometry

D3973-85(2017) Standard Test Method for Low-Molecular Weight Halogenated Hydrocarbons in Water

D5673-16 Standard Test Method for Elements in Water by Inductively Coupled Plasma—Mass Spectrometry

D7573-18ae1 Standard Test Method for Total Carbon and Organic Carbon in Water by High Temperature Catalytic Combustion and Infrared Detection

D2035-19 Standard Practice for Coagulation-Flocculation Jar Test of Water

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D8243-19 Standard Test Method for Determination of APS Reductase to Estimate Sulfate Reducing Bacterial Bioburdens in Water – Enzyme-Linked Immunosorbent Assay Method

D7066-04(2017) Standard Test Method for dimer/trimer of chlorotrifluoroethylene (S-316) Recoverable Oil and Grease and Nonpolar Material by Infrared Determination

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D6503-19 Standard Test Method for Enterococci in Water Using Enterolert

D7237-18 Standard Test Method for Free Cyanide and Aquatic Free Cyanide with Flow Injection Analysis (FIA) Utilizing Gas Diffusion Separation and Amperometric Detection

D1252-06(2020) Standard Test Methods for Chemical Oxygen Demand (Dichromate Oxygen Demand) of Water

D4516-19a Standard Practice for Standardizing Reverse Osmosis Performance Data

D3975-93(2019) Standard Practice for Development and Use (Preparation) of Samples for Collaborative Testing of Methods for Analysis of Sediments

D3862-13(2019) Standard Test Method for Retention Characteristics of 0.2- μ m Membrane Filters Used in Routine Filtration Procedures for the Evaluation of Microbiological Water Quality

D3977-97(2019) Standard Test Methods for Determining Sediment Concentration in Water Samples

D4200-82(2019) Standard Test Method for Evaluating Inhibitory Effects of Ink Grids on Membrane Filters

D4196-05(2019) Standard Test Method for Confirming the Sterility of Membrane Filters

D4411-03(2019) Standard Guide for Sampling Fluvial Sediment in Motion

D4412-19 Standard Test Methods for Sulfate-Reducing Bacteria in Water and Water-Formed Deposits

F316-03(2019) Standard Test Methods for Pore Size Characteristics of Membrane Filters by Bubble Point and Mean Flow Pore Test

D5246-19 Standard Test Method for Isolation and Enumeration of *Pseudomonas aeruginosa* from Water

D6530-19 Standard Test Method for Total Active Biomass in Cooling Tower Waters (Kool Kount Assay; KKA)

D4822-88(2019) Standard Guide for Selection of Methods of Particle Size Analysis of Fluvial Sediments (Manual Methods)

D4548-11(2019) Standard Test Method for Anion-Cation Balance of Mixed Bed Ion-Exchange Resins

D4823-95(2019) Standard Guide for Core Sampling Submerged, Unconsolidated Sediments

D1783-01(2020) Standard Test Methods for Phenolic Compounds in Water

D5739-06(2020) Standard Practice for Oil Spill Source Identification by Gas Chromatography and Positive Ion Electron Impact Low Resolution Mass Spectrometry

D3328-06(2020) Standard Test Methods for Comparison of Waterborne Petroleum Oils by Gas Chromatography

D4129-05(2020) Standard Test Method for Total and Organic Carbon in Water by High Temperature Oxidation and by Coulometric Detection

D3325-90(2020) Standard Practice for Preservation of Waterborne Oil Samples

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D5811-20 Standard Test Method for Strontium-90 in Water

D3731-20 Standard Practices for Measurement of Chlorophyll Content of Algae in Surface Waters

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D3561-16(2021)e1 Standard Test Method for Lithium, Potassium, and Sodium Ions in Brackish Water, Seawater, and Brines by Atomic Absorption Spectrophotometry

D3695-95(2021)e1 Standard Test Method for Volatile Alcohols in Water by Direct Aqueous-Injection Gas Chromatography

D8429-21 Standard Test Method for Legionella pneumophila in Water Samples Using Legiolert

D7363-13A(2021)e1 Standard Test Method for Determination of Parent and Alkyl Polycyclic Aromatics in Sediment Pore Water Using Solid-Phase Microextraction and Gas Chromatography/Mass Spectrometry in Selected Ion Monitoring Mode

D4698-21 Standard Practice for Total Digestion of Sediment Samples for Chemical Analysis of Various Metals

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D5413-21 Standard Test Methods for Measurement of Water Levels in Open-Water Bodies

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D4922-21 Standard Test Method for Determination of Radioactive Iron in Water

D7365-09a(2022) Standard Practice for Sampling, Preservation and Mitigating Interferences in Water Samples for Analysis of Cyanide

D7572-15(2022) Standard Guide for Recovery of Aqueous Cyanides by Extraction from Mine Rock and Soil

D2036-09(2022) Standard Test Methods for Cyanides in Water

D4282-15(2022) Standard Test Method for Determination of Free Cyanide in Water and Wastewater by Microdiffusion

D5074-90(2022) Standard Practice for Preparation of Natural-Matrix Sediment Reference Samples for Major and Trace Inorganic Constituents Analysis by Partial Extraction Procedures

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D6529-22 Standard Test Method for Operating Performance of Continuous Electrodeionization Systems on Feeds from 50 μ S/cm to 1000 μ S/cm

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D7282-21e1 Standard Practice for Setup, Calibration, and Quality Control of Instruments Used for Radioactivity Measurements

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D3861-22 Standard Test Method for Quantity of Water-Extractable Matter in Membrane Filters

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D3923-23 Standard Practices for Detecting Leaks in Reverse Osmosis and Nanofiltration Devices

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D4195-23 Standard Guide for Water Analysis for Reverse Osmosis and Nanofiltration Application

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D7781-23 Standard Test Method for Nitrite-Nitrate in Water by Nitrate Reductase

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D8024-23 Standard Test Method for Determination of (Tri-n-butyl)-n-tetradecylphosphonium chloride (TTPC) in Water by Multiple Reaction Monitoring Liquid Chromatography/Mass Spectrometry (LC/MS/MS)

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D8537-23 Standard Guide for Analysis of Calibration Data for Nuclear Instruments

D4472-23 Standard Guide for Recordkeeping for Reverse Osmosis and Nanofiltration Systems

D3974-09(2023) Standard Practices for Extraction of Trace Elements from Sediments