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U.S. EPA Drinking Water
Methods for Chemical Parameters

U.S.EPA Drinking Water Methods for Chemical Parameters

Method	Method Focus	Title	Order Number	Source
100.1	Asbestos by Transmission Electron Microscopy	Analytical Method for the Determination of Asbestos Fibers in Water (EPA/600/4-83-043)	PB83-260471	National Technical Information Service
100.2	Asbestos by Transmission Electron Microscopy	Determination of Asbestos Structures Over 10 µm in Length in Drinking Water (EPA/600R-94/134)	PB94-201902	National Technical Information Service (NTIS)
150.1	pH, Electrometric	Methods for Chemical Analysis of Water and Wastes (EPA/600/4-79/020)	PB84-128677	National Technical Information Service (NTIS)
150.2	pH, Electrometric (Continuous Monitoring)	Methods for Chemical Analysis of Water and Wastes (EPA/600/4-79/020)	PB84-128677	National Technical Information Service (NTIS)
180.1	Turbidity, Nephelometric	Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100)	PB94-120821	National Technical Information Service (NTIS)
200.7	Metals and Trace Elements by ICP/Atomic Emission Spectrometry	Methods for the Determination of Metals in Environmental Samples Supplement 1 (EPA/600/R-94/111)	PB95-125472	National Technical Information Service (NTIS)
200.8	Trace Elements by ICP/Mass Spectrometry	Methods for the Determination of Metals in Environmental Samples Supplement 1 (EPA/600/R-94/111)	PB95-125472	National Technical Information Service (NTIS)
200.9	Trace Elements by Stabilized Temperature Graphite Furnace AA Spectrometry	Methods for the Determination of Metals in Environmental Samples Supplement 1 (EPA/600/R-94/111)	PB95-125472	National Technical Information Service (NTIS)
245.1	Mercury by Cold Vapor AA Spectrometry - Manual	Methods for the Determination of Metals in Environmental Samples Supplement 1 (EPA/600/R-94/111)	PB95-125472	National Technical Information Service (NTIS)
245.2	Mercury by Cold Vapor AA Spectrometry - Automated	Methods for Chemical Analysis of Water and Wastes (EPA/600/4-79/020)	PB84-128677	National Technical Information Service (NTIS)
300.0	Inorganic Anions by Ion Chromatography	Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100)	PB94-120821	National Technical Information Service (NTIS)
335.4	Total Cyanide by Semi-Automated Colorimetry	Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100)	PB94-120821	National Technical Information Service (NTIS)
353.2	Nitrate-Nitrite by Automated Colorimetry	Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100)	PB94-120821	National Technical Information Service (NTIS)
365.1	Phosphorus by Automated Colorimetry. (Method for ortho-Phosphate)	Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100)	PB94-120821	National Technical Information Service (NTIS)
375.2	Sulfate by Automated Colorimetry	Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100)	PB94-120821	National Technical Information Service (NTIS)

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Method	Method Focus	Title	Order Number	Source
502.2	VOCs by Purge and Trap Capillary GC with Photoionization and Electrolytic Conductivity Detectors in Series	Methods for the Determination of Organic Compounds in Drinking Water-Supplement III (EPA/600/R-95-131)	PB95-261616	National Technical Information Service (NTIS)
504.1	EDB, DBCP, and 1,2,3-Trichloropropane by microextraction and GC	Methods for the Determination of Organic Compounds in Drinking Water-Supplement III (EPA/600/R-95-131)	PB95-261616	National Technical Information Service (NTIS)
505	Organohalide Pesticides and PCBs by microextraction and GC	Methods for the Determination of Organic Compounds in Drinking Water-Supplement III (EPA/600/R-95-131)	PB95-261616	National Technical Information Service (NTIS)
506	Phthalate and Adipate Esters by Liquid-Liquid or Liquid-Solid Extraction by GC with a Photoionization Detector	Methods for the Determination of Organic Compounds in Drinking Water-Supplement III (EPA/600/R-95-131)	PB95-261616	National Technical Information Service (NTIS)
507	Nitrogen- and Phosphorus-Containing Pesticides by GC with a Nitrogen Phosphorus Detector	Methods for the Determination of Organic Compounds in Drinking Water-Supplement III (EPA/600/R-95-131)	PB95-261616	National Technical Information Service (NTIS)
508	Chlorinated Pesticides by GC with an Electron Capture Detector	Methods for the Determination of Organic Compounds in Drinking Water-Supplement III (EPA/600/R-95-131)	PB95-261616	National Technical Information Service (NTIS)
508A	Screening for PCBs by Perchlorination and GC	Methods for the Determination of Organic Compounds in Drinking Water (EPA/600/4-88-039)	PB91-231480	National Technical Information Service (NTIS)
508.1	Chlorinated Pesticides, Herbicides and Organohalides by Liquid-Solid Extraction and GC with an Electron Capture Detector	Methods for the Determination of Organic Compounds in Drinking Water-Supplement III (EPA/600/R-95-131)	PB95-261616	National Technical Information Service (NTIS)
515.1	Chlorinated Acids by GC with an Electron Capture Detector	Methods for the Determination of Organic Compounds in Drinking Water (EPA/600/4-88-039)	PB91-231480	National Technical Information Service (NTIS)
515.2	Chlorinated Acids using Liquid-Solid Extraction and GC with an Electron Capture Detector	Methods for the Determination of Organic Compounds in Drinking Water-Supplement III (EPA/600/R-95-131)	PB95-261616	National Technical Information Service (NTIS)
515.3	Chlorinated Acids using Liquid-Liquid Extraction, Derivatization and GC with Electron Capture Detection	(ONLY the stand alone version of this method is approved - contact EPA (Fax 513-569-7757 or E-mail at DWMMethods.Help@EPAMAIL.EPA.GOV and specify the "stand alone" version)		U.S.EPA
524.2	Purgeable Organic Compounds by Capillary Column GC/Mass Spectrometry	Methods for the Determination of Organic Compounds in Drinking Water-Supplement III (EPA/600/R-95-131)	PB95-261616	National Technical Information Service (NTIS)

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Method	Method Focus	Title	Order Number	Source
525.2	Organic Compounds by Liquid-Solid Extraction and Capillary Column GC/Mass Spectrometry	Methods for the Determination of Organic Compounds in Drinking Water-Supplement III (EPA/600/R-95-131)	PB95-261616	National Technical Information Service (NTIS)
531.1	N-Methylcarbamoyloximes and N-Methylcarbamates by HPLC with Post Column Derivatization	Methods for the Determination of Organic Compounds in Drinking Water-Supplement III (EPA/600/R-95-131)	PB95-261616	National Technical Information Service (NTIS)
547	Glyphosphate by HPLC, Post Column Derivatization, and Fluorescence Detector	Methods for the Determination of Organic Compounds in Drinking Water Supplement I (EPA/600/4-90/020)	PB91-146027	National Technical Information Service (NTIS)
548.1	Endothall by Ion Exchange Extraction, Acidic Methanol Methylation and GC/Mass Spectrometry	Methods for the Determination of Organic Compounds in Drinking Water Supplement II (EPA/600/R-92/129)	PB92-207703	National Technical Information Service (NTIS)
549.1	Diquat and Paraquat by Liquid-Solid Extraction and HPLC with a Photodiode Array UV Detector	Methods for the Determination of Organic Compounds in Drinking Water Supplement II (EPA/600/R-92/129)	PB92-207703	National Technical Information Service (NTIS)
549.2	Diquat and Paraquat by Liquid-Solid Extraction and HPLC with a Photodiode Array UV Detector	(ONLY the stand alone version of this method is approved - contact EPA (Fax 513-569-7757 or E-mail at DWMethods.Help@EPAMAIL.EPA.GOV and specify the "stand alone" version		U.S.EPA
550	Polycyclic Aromatic Hydrocarbons (PAHs) by Liquid-Liquid Extraction and HPLC with Coupled UV and Fluorescence Detection	Methods for the Determination of Organic Compounds in Drinking Water Supplement I (EPA/600/4-90/020)	PB91-146027	National Technical Information Service (NTIS)
550.1	Polycyclic Aromatic Hydrocarbons (PAHs) by Liquid-Solid Extraction and HPLC with Coupled UV and Fluorescence Detection	Methods for the Determination of Organic Compounds in Drinking Water Supplement I (EPA/600/4-90/020)	PB91-146027	National Technical Information Service (NTIS)
551.1	Chlorinated Disinfection By-Products and Chlorinated Solvents by Liquid-Liquid Extraction and GC with an Electron Capture Detector	Methods for the Determination of Organic Compounds in Drinking Water-Supplement III (EPA/600/R-95-131)	PB95-261616	National Technical Information Service (NTIS)
552.1	Haloacetic Acids and Dalapon by Ion Exchange Liquid-Solid Extraction and GC with Electron Capture Detector	Methods for the Determination of Organic Compounds in Drinking Water Supplement II (EPA/600/R-92/129)	PB92-207703	National Technical Information Service (NTIS)
552.2	Haloacetic Acids and Dalapon by Liquid-Liquid Extraction, Derivatization and GC with Electron Capture Detector	Methods for the Determination of Organic Compounds in Drinking Water-Supplement III (EPA/600/R-95-131)	PB95-261616	National Technical Information Service (NTIS)
555	Chlorinated Acids by HPLC with a Photodiode Array Ultraviolet Detector	Methods for the Determination of Organic Compounds in Drinking Water Supplement II (EPA/600/R-92/129)	PB92-207703	National Technical Information Service(NTIS)

Drinking Water Methods for Microbiological Parameters

Method	Method Focus	Title	Order Number	Source
9215 B	Heterotropic Plate Count by Pour Plate Method	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
9221 A	Multiple-Tube Fermentation Technique for Members of the Coliform Group	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
9221 B	Standard Total Coliform Fermentation Technique	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
9221 C	Estimation of Bacterial Density	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
9221 D	Presence-Absence (P-A) Coliform Test	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
9221 E	Fecal Coliform Procedure	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
9222 A	Membrane Filtration Technique for Members of the Coliform Group	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
9222 B	Standard Total Coliform Membrane Filter Procedure	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
9222 C	Delayed Incubation Total Coliform Procedure	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
9222 D	Fecal Coliform Membrane Filter Procedure	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
9223	Chromogenic Substrate Coliform Test	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)

Additional Drinking Water Methods (non EPA) for Chemical Parameters

Method	Method Focus	Title	Order Number	Source
601	Nitrate by Ion Selective Electrode	Standard Method of Test for Nitrate in Drinking, July 1994. Water	PN 221890-001	ATI Orion
1613	Chlorinated Dioxins by Isotope Dilution High Resolution Gas Chromatography/High Resolution Mass Spectrometry	Tetra-Through Octa-Chlorinated Dioxins and Furans by Isotope dilution HRGC/HRMS	PB95-104774	National Technical Information Service(NTIS)
2120 B	Color by Visual Comparison Method	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
2130 B	Turbidity, Nephelometric	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
2150 B	Odor	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
2320 B	Alkalinity by Titration	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
2510 B	Conductivity	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn.(AWWA)
2540 C	Total Dissolved Solids (TDS)	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
2550	Temperature	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
3111 B	Metals by Flame AA Spectrometry, Direct Air-Acetylene Flame	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
3111 D	Metals by Flame AA Spectrometry, Direct Nitrous Oxide-Acetylene Flame	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
3112 B	Metals by Cold-Vapor AA Spectrometry	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
3113 B	Metals by Electrothermal AA Spectrometry	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)

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Method	Method Focus	Title	Order Number	Source
3114 B	Metals by Hydride Generation / AA Spectrometry	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
3120 B	Metals by ICP/Atomic Emission Spectroscopy	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
3500-Ca D	Calcium by EDTA Titration	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
3500-Mg E	Magnesium by Complexation Titration and Calculated Difference	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4110 B	Inorganic Anions by Ion Chromatography	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-Cl-B	Chlorine Residual by Iodometric Method	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-Cl-D	Chlorine Residual by Amperometric Titration	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-Cl E	Chlorine Residual by Low Level Amperometric Titration	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-Cl F	Chlorine Residual by DPD Ferrous Titration	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-Cl G	Chlorine Residual by DPD Colorimetric Method	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-Cl H	Chlorine Residual by Syringaldazine (FACTS) Method	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-Cl I	Chlorine Residual by Iodometric Electrode Technique	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-Cl- D	Chloride by Potentiometric Method	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)

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Method	Method Focus	Title	Order Number	Source
4500-CLO ₂ -C	Chlorine Dioxide by the Amperometric Method I	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-CLO ₂ -D	Chlorine Dioxide by the DPD Method	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-CLO ₂ -E	Chlorine Dioxide by the Amperometric Method II	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-CN-C	Total Cyanide after Distillation	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-CN-E	Cyanide by Colorimetric Method	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-CN-F	Cyanide by the Cyanide-Selective Electrode Method	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-CN-G	Cyanides Amenable to Chlorination after Distillation	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-F-B	Fluoride - Preliminary Distillation Step	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-F-C	Fluoride by Ion Selective Electrode	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-F-D	Fluoride by SPADNS Method	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-F-E	Fluoride by Complexone Method	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-H ⁺ -B	pH, Electrometric	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-NO ₂ ⁻ -B	Nitrite by Colorimetric Method	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)

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Method	Method Focus	Title	Order Number	Source
4500-NO3-D	Nitrate by Ion Selective Electrode Method	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-NO3-E	Nitrate by Cadmium Reduction Method	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-NO3-F	Nitrate by Automated Cadmium Reduction Method	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-O3-B	Ozone Residual by indigo Colorimetric Method	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-P-E	Phosphorus by Ascorbic Acid Method	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-P-F	Phosphorus by Automated Ascorbic Acid Reduction Method	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-Si-D	Silica by Molybdosilicate Method	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-Si-E	Silica by Heteropoly Blue Method	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-Si-F	Silica: Automated Method for Molybdate-Reactive Silica	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-SO42-C	Sulfate by Gravimetric Method with Ignition of Residue	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-SO42-D	Sulfate by Gravimetric Method with Drying of Residue	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-SO42-E	Sulfate by Turbidimetric Method	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
4500-SO42-F	Sulfate by Turbidimetric Method	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)

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5540 C	Anionic Surfactants as Methyl Blue Active Substances (MBAS)	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
6610	Carbamates by High Performance Liquid Chromatography with Postcolumn Fluorescence Detection	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
6651	Glyphosphate Herbicide by Liquid Chromatographic Postcolumn Fluorescence	Standard Methods for the Examination of Water and Wastewater, 18th & 19th Editions	Included in Standard Methods	American Water Works Assn. (AWWA)
129-71W	Fluoride by Automated Alizarin	Fluoride in Water and Wastewater - December 1972	use method #	Technicon Industrial Systems
380-75WE	Fluoride by Automated Electrode	Fluoride in Water and Wastewater - February 1976	use method #	Technicon Industrial Systems
B-1011	Nitrate and Nitrite by Ion Chromatography	Waters Test Method for Determination of Nitrite/ Nitrate in Water Using Single Column Ion Chromatography	use method #	Waters Corporation
D511-93A	Calcium by EDTA Titration	Annual Book of ASTM Standards, Vols. 11.01 and 11.02	use method #	American Society for Testing and Materials (ASTM)
D511-93B	Calcium by Direct Aspiration Atomic Absorption	Annual Book of ASTM Standards, Vols. 11.01 and 11.02	use method #	American Society for Testing and Materials (ASTM)
D512-89B	Chloride by Silver Nitrate Titration	Annual Book of ASTM Standards, Vols. 11.01 and 11.02	use method #	American Society for Testing and Materials (ASTM)
D515-88A	Phosphorus by Ascorbic Acid Colorimetry	Annual Book of ASTM Standards, Vols. 11.01 and 11.02	use method #	American Society for Testing and Materials (ASTM)
D516-90	Sulfate by Turbidimetric Method	Annual Book of ASTM Standards, Vols. 11.01 and 11.02	use method #	American Society for Testing and Materials (ASTM)
D859-95	Silica by Colorimetry	Annual Book of ASTM Standards, Vols. 11.01 and 11.02	use method #	American Society for Testing and Materials
D1067-92B	Alkalinity by Titration	Annual Book of ASTM Standards, Vols. 11.01 and 11.02	use method #	American Society for Testing and Materials (ASTM)(ASTM)
D1125-95A	Conductivity	Annual Book of ASTM Standards, Vols. 11.01 and 11.02	use method #	American Society for Testing and Materials (ASTM)
D1179-93A	Fluoride by Distillation and Ion Selective Electrode	Annual Book of ASTM Standards, Vols. 11.01 and 11.02	use method #	American Society for Testing and Materials (ASTM)
D1179-93B	Fluoride by Manual Electrode	Annual Book of ASTM Standards, Vols. 11.01 and 11.02	use method #	American Society for Testing and Materials (ASTM)

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Method	Method Focus	Title	Order Number	Source
D1293-95	pH, Electrometric	Annual Book of ASTM Standards, Vols. 11.01 and 11.02	use method #	American Society for Testing and Materials (ASTM)
D1688-95A	Copper by Direct Aspiration Atomic Adsorption	Annual Book of ASTM Standards, Vols. 11.01 and 11.02	use method #	American Society for Testing and Materials (ASTM)
D1688-95C	Copper by Furnace Atomic Adsorption	Annual Book of ASTM Standards, Vols. 11.01 and 11.02	use method #	American Society for Testing and Materials (ASTM)
D2036-91A	Cyanide	Annual Book of ASTM Standards, Vols. 11.01 and 11.02	use method #	American Society for Testing and Materials (ASTM)
D2036-91B	Cyanide, Spectrophotometric, Amenable	Annual Book of ASTM Standards, Vols. 11.01 and 11.02	use method #	American Society for Testing and Materials (ASTM)
D2972-93B	Arsenic by Hydride Atomic Absorption	Annual Book of ASTM Standards, Vols. 11.01 and 11.02	use method #	American Society for Testing and Materials (ASTM)
D2972-93C	Arsenic by Atomic Absorption; Furnace	Annual Book of ASTM Standards, Vols. 11.01 and 11.02	use method #	American Society for Testing and Materials (ASTM)
D3223-91	Mercury by Cold Vapor AA Spectrometry - Manual	Annual Book of ASTM Standards, Vols. 11.01 and 11.02	use method #	American Society for Testing and Materials (ASTM)
D3559-90D	Lead by Furnace Atomic Adsorption	Annual Book of ASTM Standards, Vols. 11.01 and 11.02	use method #	American Society for Testing and Materials (ASTM)
D3645-93B	Beryllium by Atomic Absorption; Furnace	Annual Book of ASTM Standards, Vols. 11.01 and 11.02	use method #	American Society for Testing and Materials (ASTM)
D3697-92	Antimony by Hydride Atomic Absorption	Annual Book of ASTM Standards, Vols. 11.01 and 11.02	use method #	American Society for Testing and Materials (ASTM)
D3859-93A	Selenium by Gaseous Hydride Atomic Absorption	Annual Book of ASTM Standards, Vols. 11.01 and 11.02	use method #	American Society for Testing and Materials (ASTM)
D3859-93B	Selenium by Furnace Atomic Absorption.	Annual Book of ASTM Standards, Vols. 11.01 and 11.02	use method #	American Society for Testing and Materials (ASTM)
D3867-90A	Nitrate by Automated Cadmium Reduction	Annual Book of ASTM Standards, Vols. 11.01 and 11.02	use method #	American Society for Testing and Materials (ASTM)
D3867-90B	Nitrate by Manual Cadmium Reduction	Annual Book of ASTM Standards, Vols. 11.01 and 11.02	use method #	American Society for Testing and Materials (ASTM)
D4327-91	Inorganic Anions by Ion Chromatography	Annual Book of ASTM Standards, Vols. 11.01 and 11.02	use method #	American Society for Testing and Materials (ASTM)
D5317-93	Chlorinated Organic Acid Compounds by GC with an Electron Capture Detector	Annual Book of ASTM Standards, Vols. 11.01 and 11.02	use method #	American Society for Testing and Materials (ASTM)

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Method	Method Focus	Title	Order Number	Source
I-1030-85	Alkalinity by Electrometric Titration	Books and Open-File Reports Section	use method #	U.S. Geological Survey (USGS)
I-1601-85	ortho- Phosphate by Colorimetric, Phosphomolybdate	Books and Open-File Reports Section	use method #	U.S. Geological Survey (USGS)
I-1700-85	Silica by Colorimetric, molybdate blue	Books and Open-File Reports Section	use method #	U.S. Geological Survey (USGS)
I-2598-85	ortho-Phosphate; Automated discrete	Books and Open-File Reports Section	use method #	U.S. Geological Survey (USGS)
I-2601-90	ortho-Phosphate; Automated-segmented flow	Books and Open-File Reports Section	use method #	U.S. Geological Survey (USGS)
I-2700-85	Silica by Automated-Segmented Flow	Books and Open-File Reports Section	use method #	U.S. Geological Survey (USGS)
I-3300-85	Cyanide	Books and Open-File Reports Section	use method #	U.S. Geological Survey (USGS)
I-3720-85	Metals by ICP/Atomic Emission Spectrometry	Books and Open-File Reports Section	use method #	U.S. Geological Survey (USGS)
Method 2	Turbidity, Nephelometric.	Turbidity	use method #	Great Lakes Instruments, Inc.
Method 1001	Lead by Differential Pulse Anodic Stripping Voltammetry		use method #	Palintest, Ltd. or Hach Co.

