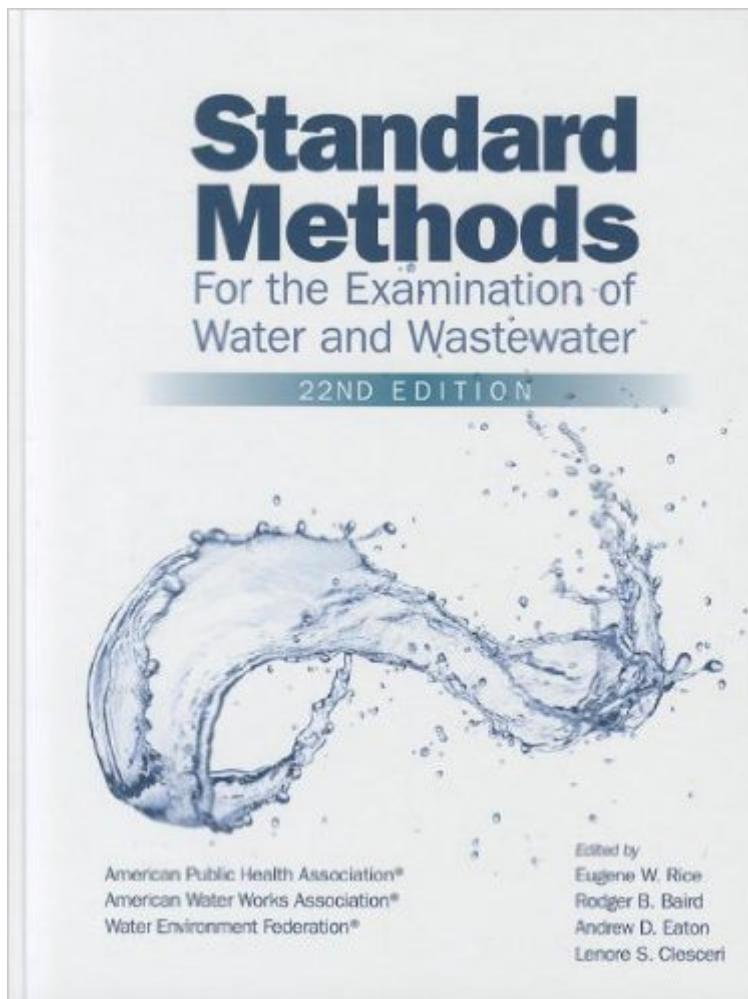


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# Standard Methods For The Examination Of Water And Wastewater



## Synopsis

Analysts, researchers, and regulators have relied on this peer-reviewed publication since 1905, and it remains a trusted source of accurate, proven methodology for analyzing natural waters, water supplies, and wastewaters. The book contains over 400 laboratory methods for the analysis of: Dissolved Solids, Metals, Free and Total Chlorine, Odor, Taste, and Flavor Profile Analysis, Disinfection By-products, Radionuclides, Total Organic Carbon and Total and Fecal Coliform. The 22nd edition advances the science of water analysis with input and consensus of hundreds of water and wastewater experts from around the world. Laboratories worldwide rely on this comprehensive reference as a trusted source of accurate, proven methodology for analysis of water, water supplies, and wastewater. It is the essential resource. The methods in the 22nd edition (as in previous editions) are believed to be the best available, generally accepted procedures for analyzing water, wastewater, and related materials. They represent the recommendations of specialists, ratified by a large number of analysts and others of more general expertise, and as such are truly consensus standards, offering a valid and recognized basis for control and evaluation. All methods are dated to identify which ones changed significantly between editions. New in the 22nd edition \*The Quality Control for Parts 2000 7000 has been expanded and significantly revised to make the methods more suitable for regulatory compliance. \*Twenty-two sections in Part 9000 Microbiological Examination were revised and new procedures added. These include information on viable but nonculturable bacteria, new information on the fluorogenic substrate test for *E. coli*, and an expansion of the section on identification of iron and sulfur bacteria. \* Flavor Profile Analysis for drinking water was expanded with an extended introduction and new taste-and-odor color wheel. \*The determination of metals using Inductively Coupled Plasma/Mass Spectrometry (ICP-MS) contains updated quality control requirements and added collision cell technology. \*Additional sampling, filtering, and storage requirements were added to UV-Absorbing Organic Constituents. \*New methods have been added for the determination of nitrosamines in drinking water. \*The method for radium was updated. \*The references and bibliography were updated for Part 8000 Toxicity. \*The section on plankton was revised to include more in-depth procedures for collecting and processing samples. \*New figures were added to Identification of Aquatic Organisms. An Errata was posted December, 2012 on the standard methods.org website.

## Book Information

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## **Customer Reviews**

[ASIN:0875530478 Standard Methods for the Examination of Water & Wastewater, Centennial Edition] This is a standard reference book that describes the most up-to-date methodology to be followed for the assessment of quality of all types of water and water pollution in compliance with the requirement of various national and international regulatory agencies. This 22nd edition is the expanded version of the 2005 edition and serves as a critical reference for all accredited analytical laboratories involved in testing water.

Covers more of the quality control aspect, which the older copyrights were lacking. A must have for the updated procedures required by EPA standards.

A very useful handbook for all analyst. The methods can be easily adapted by a good chemist. The only problem is getting some of the apparatus!

A must for every laboratory or professional analytical chemist. High value and excellent quality book. Recommended for all accredited laboratories dealing with water analyses.

the book is what I was looking for. an up to date reference book, that my son will be using in his job. thank you for having it on line.

The book has met our expectations with regards to the updated methods which are mandated in our

country's environmental laws.

Great Book. We use this at work in our laboratory for Water & Wastewater testing. Results are accepted in all 50 States.

I have received this item within the estimated time I like it and I appreciate your effort . Thanks a lot

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