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Autore	Prasad M.N.V
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Altri autori (Persone)	PrasadMajeti Narasimha Vara
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Sommario/riassunto	Disinfection Byproducts in Drinking Water: Detection and Treatment presents cutting-edge research on how to understand the procedures, processes and considerations for detecting and treating disinfection by-products from drinking water, swimming pool water, and wastewater. The book begins with an overview of the different groups of Disinfection Byproducts (DBPs), such as: Trihalomethanes (THM), Halo acetic acids, and Haloacetonitrile (HAN). This coverage is quickly followed by a clear and rigorous exposition of the latest methods and technologies for the characterization, occurrence, formation, transformation and removal of DBPs in drinking water. Other chapters focus on ultraviolet-visible spectroscopy, electron spin resonance, and gas chromatography-mass spectrometry. Researchers will find a valuable resource to a breath of topics for DBP detection and treatment, including various recent techniques, such as microfiltration, nanofiltration membrane and nanotechnology.