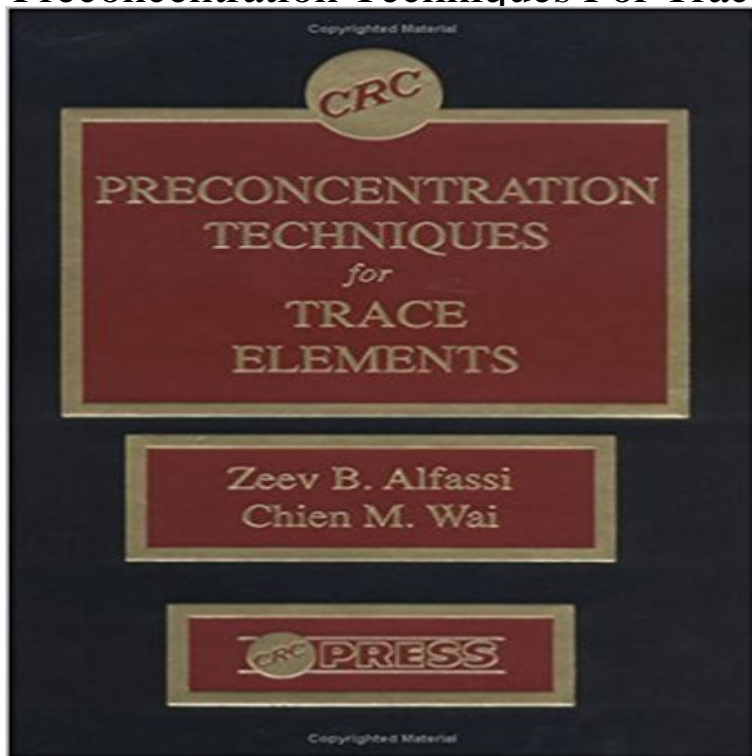


## Preconcentration Techniques For Trace Elements



Accurate determination of trace elements is critical in various fields of science and technology. Direct measurement of trace elements in samples with complex matrices is often impractical, either due to analytical sensitivity limitations or matrix interferences. Preconcentration procedures are generally needed to eliminate matrix interferences and/or enrich minute amounts of analytes to a level for reliable measurements. Preconcentration Techniques for Trace Elements provides up-to-date information on various preconcentration techniques and detailed discussions regarding such topics as the dissolution of matrices, coprecipitation, solvent extraction, electrochemical means, ion exchange, sorption, chromatographic methods, flotation, membranes, volatilization, polymer foam sorbents, fire assay, isotachopheresis, and filter papers. This comprehensive volume, featuring contributions from 21 experts from nine countries, will provide valuable reference material for all scientists and technicians dealing with trace analysis of real-world samples.

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