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Nota di contenuto	TITLE; COPYRIGHT; CONTENTS; NOTE TO READERS OF THE CRITERIA MONOGRAPHS; PREAMBLE; WHO TASK GROUP ON ENVIRONMENTAL HEALTH CRITERIA FOR ELEMENTAL SPECIATION IN HUMAN HEALTH RISK ASSESSMENT; ACRONYMS AND ABBREVIATIONS; 1. SUMMARY; 2. DEFINITIONS OF SPECIES AND SPECIATION; 3. STRUCTURAL ASPECTS OF SPECIATION; 4. ANALYTICAL TECHNIQUES AND METHODOLOGY; 5. BIOACCESSIBILITY AND BIOAVAILABILITY; 6. TOXICOKINETICS AND BIOLOGICAL MONITORING; 7. MOLECULAR AND CELLULAR MECHANISMS OF METAL TOXICITY; 8. HEALTH EFFECTS; 9. CONCLUSIONS AND RECOMMENDATIONS; REFERENCES; RESUME; RESUMEN; INDEX OF ELEMENTS;

The purpose of this book is to assess, evaluate, and give guidance on the role of elemental speciation and speciation analysis in human health hazard and risk assessment. The book is directed at risk assessors and regulators, to emphasize the importance of consideration of speciation in their deliberations. To date, this issue has not been a part of most hazard and risk assessments. Further aims of the publication are to encourage the analysis of speciation of elements to increase knowledge on the effect of speciation on mode of action and to increase understanding of health effects.

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