Fundamentals of Ultrasound-Assisted Extraction

	· August 2024 /5/AVMU1360	
CITATIONS		READS
0		41
1 autho	:	
	Ahmad Najib	
	Universitas Muslim Indonesia	
	90 PUBLICATIONS 321 CITATIONS	
	SEE PROFILE	

Contents

Foreword	vii
Preface	ix
Acknowledgi	ments xi
Chapter 1	Fundamentals of Ultrasound-Assisted Extraction
Chapter 2	The Role of Acoustic Cavitation in Ultrasound-Assisted Extraction
Chapter 3	Ultrasound-Assisted Extraction: Methods and Extraction of Bioactive Compounds
Chapter 4	Application of Ultrasound-Assisted Extraction for Enhancing Flavor and Aroma Compound Recovery
Chapter 5	Ultrasound Techniques: An Approach to Extracting Plant Materials for Pharmacological Studies
Chapter 6	Advances in Ultrasound-Assisted Extraction for Applications in the Pharmaceutical Industry153 Muhammad Nasir Younis

vi Contents

Chapter 7	Optimization of the Parameters of Ultrasound-Assisted Extraction: An Application of Response Surface Methodology21 Bancha Yingngam	.7
Chapter 8	Comparison of Ultrasound-Assisted Extraction with Other Modern Green Extraction Methods26 Ibrahim Cem Ozsefil	53
Chapter 9	Challenges and Future Prospectives of Ultrasound-Assisted Extraction	.3
Chapter 10	Ultrasound-Assisted Extraction: Overcoming Challenges and Exploring Future Frontiers35 Vishnu Mittal	51
About the Ed	itors36	59
Index	37	1