CONTENTS

CHAPTER 1 ANALYSIS OF ORGANOALUMINUM COMPOUNDS CONTAINING ALKYL	
AND ALKOXIDE GROUPS UP TO BUTYL AND HYDRIDE GROUPS	1
CHAPTER 2 ANALYSIS OF HIGHER MOLECULAR WEIGHT ORGANOALUMINIUM	
COMPOUNDS CONTAINING ALKYL AND /OR ALKOXIDE GROUPS UP TO C20-C30	
AND HYDRIDE GROUPS	93
CHAPTER 3 DETERMINATION OF OTHER FUNCTIONAL GROUPS AND ELEMENTS IN	
ORGANOALUMINIUM COMPOUNDS	147
CHAPTER 4 CONDUCTOMETRIC, POTENTIOMETRIC AND COMPLEXOMETRIC DIELECTRIC	
CONSTANT TITRATION METHODS FOR THE ANALYSIS OF ORGANOALUMINIUM	
COMPOUNDS	188
CHAPTER 5 SPECTROPHOTOMETRIC, COLORIMETRIC AND LUMOMETRIC METHODS OF	
ANALYSIS OF ORGANOALUMINIUM COMPOUNDS	223
CHAPTER 6 IODOMETRIC METHODS FOR THE ANALYSIS OF ORGANOALUMINIUM	
COMPOUNDS	252
CHAPTER 7 ANALYSIS OF ALKYLALUMINIUM COMPOUNDS BY THERMOMETRIC	
TITRATION	265
CHAPTER 8 APPLICATION OF INFRARED, RAMAN, NUCLEAR MAGNETIC RESONANCE AND	
MAGNETIC PROTON RESONANCE SPECTROSCOPY TO THE EXAMINATION OF	
ORGANOALUMINIUM COMPOUNDS	278
CHAPTER 9 ANALYSIS OF ORGANOZINC COMPOUNDS	312
REFERENCES	345
INDEX	349
OTHER TITLES IN THE SERIES	355