

1. Record Nr.	UNINA9910454033503321
Autore	Armarego W. L. F
Titolo	Purification of laboratory chemicals [[electronic resource] /] / Wilfred L. F. Armarego, Christina Li Lin Chai
Pubbl/distr/stampa	Amsterdam ; ; Boston, : Elsevier/Butterworth-Heinemann, c2009
ISBN	1-282-28519-X 9786612285196 0-08-087824-5
Edizione	[6th ed.]
Descrizione fisica	1 online resource (761 p.)
Altri autori (Persone)	ChaiChristina Li Lin
Disciplina	542
Soggetti	Chemicals - Purification Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Purification of Laboratory Chemicals; Copyright Page; CONTENTS; Preface to the Sixth Edition; Preface to the First Edition; Preface to the Second Edition; Preface to the Third Edition; Preface to the Fourth Edition; Preface to the Fifth Edition; CHAPTER 1. COMMON PHYSICAL TECHNIQUES USED IN PURIFICATION; INTRODUCTION; THE QUESTION OF PURITY; SAFETY PRECAUTIONS ASSOCIATED WITH THE PURIFICATION OF LABORATORY CHEMICALS; METHODS OF PURIFICATION OF REAGENTS AND SOLVENTS; TABLES; TABLE 1. SOME COMMON IMMISCIBLE OR SLIGHTLY MISCIBLE PAIRS OF SOLVENTS; FIGURE 1. NOMOGRAM TABLE 2A. PREDICTED EFFECT OF PRESSURE ON BOILING POINTTABLE 2B. PREDICTED EFFECT OF PRESSURE ON BOILING POINT; TABLE 3. HEATING BATHS; TABLE 4. WHATMAN FILTER PAPERS; TABLE 5. MICRO FILTERS; TABLE 6. COMMON SOLVENTS USED IN RECRYSTALLISATION; TABLE 7. PAIRS OF MISCIBLE SOLVENTS; TABLE 8. MATERIALS FOR COOLING BATHS; TABLE 9. LIQUIDS FOR STATIONARY PHASES IN GAS CHROMATOGRAPHY; TABLE 10. METHODS OF VISUALISATION OF TLC SPOTS; TABLE 11. GRADED ADSORBENTS AND SOLVENTS; TABLE 12. REPRESENTATIVE ION-EXCHANGE RESINS; TABLE 13. MODIFIED FIBROUS CELLULOSES FOR ION-EXCHANGE TABLE 14. BEAD FORM ION-EXCHANGE PACKAGINGTABLE 15. LIQUIDS

FOR DRYING PISTOLS; TABLE 16. VAPOUR PRESSURES (mm Hg) OF SATURATED AQUEOUS SOLUTIONS IN EQUILIBRIUM WITH SOLID SALTS; TABLE 17. DRYING AGENTS FOR CLASSES OF COMPOUNDS; TABLE 18. STATIC DRYING FOR SELECTED LIQUIDS (25°C); TABLE 19. AQUEOUS BUFFERS; TABLE 20. SOLUBILITY COEFFICIENTS OF AIR AT 1atm IN WATER; TABLE 21. SOLUBILITY COEFFICIENTS OF O₂ AT 1atm IN WATER; TABLE 22. BUNSEN COEFFICIENTS (β) OF GASES AT 1atm IN ORGANIC SOLVENTS AT 20°C; TABLE 23. OSTWALD COEFFICIENTS (l)/L OF O₂ AT 1atm IN AQUEOUS SOLUTIONS AT 25°C
TABLE 24. SOLUBILITIES OF HCl AND NH₃ AT 760mm (g/100g OF SOLUTION)TABLE 25. BOILING POINTS OF SOME USEFUL GASES AT 760 mm; TABLE 26. PREFIXES FOR QUANTITIES; BIBLIOGRAPHY; CHAPTER 2. CHEMICAL METHODS USED IN PURIFICATION; GENERAL REMARKS; REMOVAL OF TRACES OF METALS FROM REAGENTS; USE OF METAL HYDRIDES; PURIFICATION via DERIVATIVES; GENERAL METHODS FOR THE PURIFICATION OF CLASSES OF COMPOUNDS; GENERAL PROCEDURES FOR THE PURIFICATION OF SOME CLASSES OF ORGANIC COMPOUNDS; BIBLIOGRAPHY; CHAPTER 3. THE FUTURE OF PURIFICATION; INTRODUCTION; ORGANOCATALYSIS; MICROWAVE TECHNOLOGIES
SOLID PHASE SYNTHESISALTERNATIVE SOLVENTS; BIBLIOGRAPHY; CHAPTER 4. PURIFICATION OF ORGANIC CHEMICALS; INTRODUCTION; ALIPHATIC COMPOUNDS; ALICYCLIC COMPOUNDS; AROMATIC COMPOUNDS; HETEROCYCLIC COMPOUNDS; CHAPTER 5. PURIFICATION OF INORGANIC AND METAL-ORGANIC CHEMICALS (Including Organic compounds of B, Bi, P, Se, Si, and ammonium andmetal salts of organic acids); INTRODUCTION; INORGANIC COMPOUNDS; METAL-ORGANIC COMPOUNDS; CHAPTER 6. PURIFICATION OF BIOCHEMICALS AND RELATED PRODUCTS; INTRODUCTION; AMINO ACIDS and PEPTIDES; PROTEINS, ENZYMES, DNA and RNA; CAROTENOIDS; CARBOHYDRATES; STEROIDS
MISCELLANEOUS COMPOUNDS

Sommario/riassunto

A best seller since 1966, Purification of Laboratory Chemicals keeps engineers, scientists, chemists, biochemists and students up to date with the purification of the chemical reagents with which they work, the processes for their purification, and guides readerd on critical safety and hazards for the safe handling of chemicals and processes.The Sixth Edition is updated and provides expanded coverage of the latest chemical products and processing techniques, safety and hazards. The book has been reorganised and is now fully indexed by CAS Registry Numbers. Compounds are now grouped to

2. Record Nr.	UNINA9910778326403321
Autore	ISENBERG JAMES
Titolo	POLICE LEADERSHIP IN A DEMOCRACY : conversations with america's police chiefs
Pubbl/distr/stampa	[Place of publication not identified], : CRC Press, 2017
ISBN	0-429-25087-8 1-282-29433-4 9786612294334 1-4398-0835-X
Descrizione fisica	1 online resource (186 p.)
Collana	Modern police administration
Disciplina	363.20684
Soggetti	Police chiefs - United States Police administration - United States Police - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Choices of police leaders in America -- Introducing the chiefs -- A vision for the department and the community -- Implementing the vision : how chiefs make it a reality! -- Strategies for enforcement and working with communities -- Developing a professional police officer : it's a challenge! -- Internal politics, the police chief and police officer empowerment -- External politics and relationships with other partners -- The future of american policing : looking back and forward -- Recommendations for police chiefs and other interested persons.
Sommario/riassunto	Every day the media floods the airwaves with their often-contradictory version of the role and behavior of the police force. Based on this, you might think that police officers either brutally enforce their own interpretation of the nation's laws or use all the modern tools available to carefully and persistently uncover the special clues that lead to the identification and arrest of suspected criminals. Based on interviews with 26 police chiefs, Police Leadership in a Democracy: Conversations with America's Police Chiefs takes a poignant journey through the minds of the me

