

1. Record Nr.	UNINA9910957988303321
Autore	McNair Harold Monroe <1933->
Titolo	Basic gas chromatography // Harold M. McNair, James M. Miller
Pubbl/distr/stampa	Hoboken, NJ, : John Wiley & Sons, 2009
ISBN	1-118-21120-0 9786612188343 1-282-18834-8 0-470-48009-2 0-470-48010-6
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (255 p.)
Altri autori (Persone)	MillerJames M. <1933->
Disciplina	543.85 543/.85 544.926
Soggetti	Gas chromatography Chromatographic analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	BASIC GAS CHROMATOGRAPHY; CONTENTS; PREFACE TO THE SECOND EDITION; PREFACE; ACKNOWLEDGMENTS; 1 INTRODUCTION; 2 INSTRUMENT OVERVIEW; 3 BASIC CONCEPTS AND TERMS; 4 STATIONARY PHASES; 5 PACKED COLUMNS AND INLETS; 6 CAPILLARY COLUMNS AND INLETS; 7 DETECTORS; 8 QUALITATIVE AND QUANTITATIVE ANALYSIS; 9 PROGRAMMED TEMPERATURE; 10 GAS CHROMATOGRAPHY-MASS SPECTROMETRY (GC-MS); 11 MULTIDIMENSIONAL GAS CHROMATOGRAPHY; 12 SAMPLING METHODS; 13 SPECIAL TOPICS; 14 TROUBLESHOOTING GC SYSTEMS; APPENDIX I SYMBOLS AND ACRONYMS; APPENDIX II GUIDELINES FOR SELECTING CAPILLARY COLUMNS APPENDIX III GC: HOW TO AVOID PROBLEMSAPPENDIX IV CALCULATION OF SPLIT RATIO FOR SPLIT INJECTION ON OT COLUMNS; APPENDIX V OPERATING CONDITIONS FOR CAPILLARY COLUMNS; APPENDIX VI OV LIQUID PHASES PHYSICAL PROPERTY DATA; APPENDIX VII SOME COMPRESSIBILITY CORRECTION FACTORS (J); APPENDIX VIII SOME INTERNET WEBSITES FOR GAS CHROMATOGRAPHERS; APPENDIX IX

Sommario/riassunto

The New Edition of the Well-Regarded Handbook on Gas Chromatography Since the publication of the highly successful first edition of Basic Gas Chromatography, the practice of chromatography has undergone several notable developments. Basic Gas Chromatography, Second Edition covers the latest in the field, giving readers the most up-to-date guide available, while maintaining the first edition's practical, applied approach to the subject and its accessibility to a wide range of readers. The text provides comprehensive coverage of basic topics in the field, such as station
