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Forensic Applications of High Performance Liquid Chromatography

By Shirley Bayne, Michelle Groves Carlin

Taylor Francis Inc, United States, 2010. Paperback. Book Condition: New. 234 x 155 mm. Language: English Brand New Book ***** Print on Demand *****.Chromatography has many roles in forensic science, ranging from toxicology to environmental analysis. In particular, high-performance liquid chromatography (HPLC) is a primary method of analysis in many types of laboratories. Maintaining a balance between practical solutions and the theoretical considerations involved in HPLC analysis, Forensic Applications of High Performance Liquid Chromatography uses real-life examples likely to be found within a forensic science laboratory to explain HPLC from a forensic perspective. Focusing chiefly on the reverse phase HPLC mode of separation, this volume examines:

- * The history of HPLC and the theory behind the separation process
- * The requirements for successful analysis and best practice tips
- * The modes of separation and detection most appropriate for forensic science applications
- * HPLC method development and evaluation
- * The quality aspects of laboratory operation
- * Troubleshooting HPLC systems and analyses

Applications of HPLC within the field of forensic science Designed as a textbook for university students studying analytical chemistry, applied chemistry, forensic chemistry, or other courses with an element of HPLC within the course curriculum, this volume is also...



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Reviews

It is one of the best publications. It really is really intriguing through reading through period of time. You will not feel monotony at anytime of your own time (that's what catalogs are for relating to in the event you request me).

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It is one of my favorite publications. It is among the most awesome publications I have gone through. I am just quickly will get a delight of reading through a published publication.

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