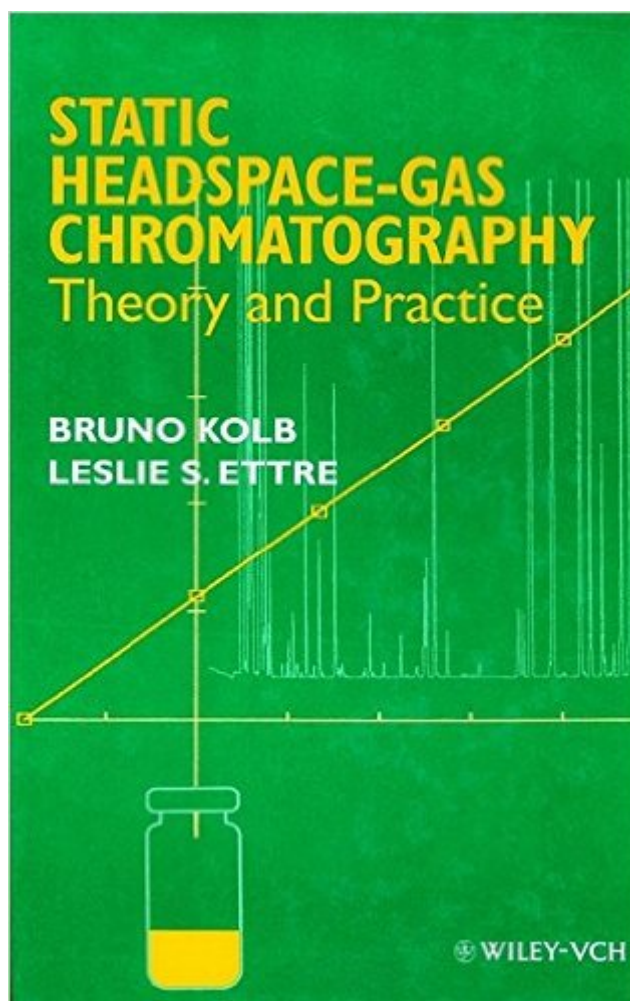


The book was found

Static Headspace—Gas Chromatography: Theory And Practice



Synopsis

Static Headspace-Gas Chromatography Theory and Practice Bruno Kolb * Leslie S. Ettre Static (equilibrium) headspace-gas chromatography (static HS-GC) offers a reliable, simple, and accurate way to quantitate volatile compounds in liquid and solid matrices. The technique is being used in increasingly more analytical laboratories in a variety of industries because it enables high sample turnaround, automated high-performance GC analysis, and automated and unattended sample clean-up by gas extraction, while avoiding laborious sample preparation. Static Headspace-Gas Chromatography provides the most thorough and current treatment available on this technique. The book covers the theory of headspace sampling as related to selection of the operational parameters, describes quantitative calibration techniques, and presents, and presents detailed methods, all adapted for automation. It includes many examples of proven practical applications-complete with original data-from the most important applications of static HS-GC in environmental analysis, polymers, packaging, pharmaceuticals, and food analysis.

Book Information

Hardcover: 320 pages

Publisher: Wiley-VCH; 1 edition (June 6, 1997)

Language: English

ISBN-10: 0471192384

ISBN-13: 978-0471192381

Product Dimensions: 6.4 x 0.9 x 9.4 inches

Shipping Weight: 1.2 pounds

Average Customer Review: 4.5 out of 5 starsÂ Â See all reviewsÂ (2 customer reviews)

Best Sellers Rank: #4,240,176 in Books (See Top 100 in Books) #92 inÂ Books > Science & Math > Chemistry > Chromatography #1133 inÂ Books > Medical Books > Medicine > Internal Medicine > Pathology > Laboratory Medicine #1546 inÂ Books > Science & Math > Chemistry > Analytic

Customer Reviews

Substantially revised, this book is definitely a must have for chromatographers who practice static (and even dynamic) headspace technique. All key aspects and factors influencing headspace were thoroughly discussed. Strategies in gaining sensitivity and selectivity were proposed - heat, mechanical shaking, sonication, addition of various salts to name a few. All in all, a great book to keep for reference

If you need be an expert in HS-GC buy it! It's a very detailed book.

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