

Basic Information :

Name : Hayam Lotfy

Title : Professor of Analytical Chemistry



Professor Hayam Lotfy, professor of Analytical Chemistry - Department of pharmaceutical chemistry. she has a PH.D and MSC degree in Analytical Chemistry from Cairo university.

Education :

Certificate	Major	University	Year
PhD	Pharmaceutical Sciences	Faculty of Pharmaceutical Science -Cairo University	1997
Masters	Pharmaceutical Chemistry	Faculty of Pharmaceutical Science -Cairo University	1993
Bachelor	Pharmaceutical Science	Faculty of Pharmaceutical Science -Cairo University	1987

Research :

Development and validation of impurity-profiling UPLC method for the determination of sodium cromoglicate and tetryzoline hydrochloride: Application on rabbit aqueous humor

Simultaneous determination of mebeverine hydrochloride and chlordiazepoxide in their binary mixture using novel univariate spectrophotometric methods via different manipulation pathways

Design, Optimization, and Validation of Thin-Layer Chromatography–Densitometry and Chemometry-Assisted Spectrophotometry: A Comparative Study Applied on Quaternary Mixture

10-Development of Membrane Electrodes for the Specific Determination of Tetryzoline Hydrochloride in Presence of its Degradation Product in Pharmaceutical Formulations and Biological Fluids ,Hayam M. Lotfy, ., Vol. 7, No. 1, 2015, 75-90

Comparative study of novel versus conventional two-wavelength spectrophotometric methods for analysis of spectrally overlapping

Development and validation of LC–MSMS assay for the determination of the prodrug dabigatran etexilate and its active metabolites in human plasma

Comparative Study of Multivariate and Univariate Determination of Zolmitriptan in the Presence of its Degradation products

Computation of geometric representation of novel spectrophotometric methods used for the analysis of minor components in pharmaceutical preparations

Spectrophotometric Methods for Quantitative Determination of Binary Mixture of Naproxen Sodium and Domperidone Maleate

A comparative study of the novel spectrophotometric methods versus conventional ones for the simultaneous determination of Esomeprazole magnesium trihydrate and Naproxen in their binary mixture

A comparative study of smart spectrophotometric methods for simultaneous determination of sitagliptin phosphate and metformin hydrochloride in their binary mixture

Validated spectrophotometric methods for simultaneous determination of Omeprazole, Tinidazole and Doxycycline in their ternary mixture .

Development and validation of a modified QuEChERS protocol coupled to LC–MS/MS for simultaneous determination of multi-class antibiotic residues in honey

Spectrophotometric methods for simultaneous determination of betamethasone valerate and fusidic acid in their binary mixture

Novel spectrophotometric determination of chloramphenicol and dexamethasone in the presence of non labeled interfering substances using univariate methods and multivariate regression model updating

Novel spectrophotometric methods for simultaneous determination of Amlodipine, Valsartan and Hydrochlorothiazide in their ternary mixture

Development of membrane electrodes for the specific determination of tetryzoline hydrochloride in presence of its degradation product in pharmaceutical formulations and biological fluids

A validated stability-Indicating method for the determination of sumatriptan and kinetic study of the degradation
A comparative study of novel spectrophotometric resolution techniques applied for pharmaceutical mixtures with partially or severely overlapped spectra
Novel two wavelength spectrophotometric methods for simultaneous determination of binary mixtures with severely overlapping spectra
Column Performance Study of Different Variants of Liquid Chromatographic Technique: An Application on Pharmaceutical Ternary Mixtures Containing Tetryzoline
Comparative Study of RP-HPLC Versus TLC-Spectrodensitometric Methods Applied for Binary Mixtures of Fluoroquinolones and Corticosteroids
A comparative study of different aspects of manipulating ratio spectra applied for ternary mixtures: Derivative spectrophotometry versus wavelet transform
Validation of Selective Electrochemical Method for Determination of Sumatriptan in Combined Dosage Form
Application of three novel spectrophotometric methods manipulating ratio spectra for resolving a pharmaceutical mixture of Chlorphenoxamine hydrochloride and Caffeine
A comparative study of different aspects of manipulating ratio spectra applied for ternary mixtures: Derivative spectrophotometry versus wavelet transform
Successive spectrophotometric resolution as a novel technique for the analysis of ternary mixtures of pharmaceuticals
Simultaneous Determination of 200 Pesticide Residues in Honey using Gas Chromatography-Tandem Mass Spectrometry in Conjunction with Streamlined Quantification Approach
COMPARATIVE STUDY OF NEW SPECTROPHOTOMETRIC METHODS; AN APPLICATION ON PHARMACEUTICAL BINARY MIXTURE OF CIPROFLOXACIN HYDROCHLORIDE AND HYDROCORTISONE
A Rapid and Sensitive HPLC Assay of Some Concomitant Anti-Migraine Drugs
Univariate versus Multivariate Spectrophotometric Methods for Simultaneous Determination of Complex Binary Mixtures with Overlapped Spectra: A Comparative Study
Validated Stability Indicating Spectrophotometric Methods for the Determination of Lidocaine Hydrochloride, Calcium Dobesilate, and Dexamethasone Acetate in their Dosage Forms
Simultaneous determination of some cholesterol-lowering drugs in their binary mixture by novel spectrophotometric methods
Determination of Sumatriptan and Zolmitriptan in Presence of Their Corresponding Degradation Products by HPTLC Methods
Application of three novel spectrophotometric methods manipulating ratio spectra for resolving a pharmaceutical mixture of Chlorphenoxamine hydrochloride and Caffeine
A Comparative Study of Spectrophotometric Methods Versus Chemometric Methods; An Application on a Pharmaceutical Binary Mixture of Ofloxacin and Dexamethasone
Spectrophotometric and chromatographic methods for the determination of a binary mixture of sodium cromoglicate and xylometazoline hydrochloride
A validated stability-Indicating method for the determination of sumatriptan and kinetic study of the degradation
Validation of Selective Electrochemical Method for Determination of Sumatriptan in Combined Dosage Form
Novel Ion Selective Electrode for Determination of Pregabalin in Pharmaceutical Dosage Form and Plasma
Determination of simvastatin and ezetimibe in combined tablet dosage forms by constant center spectrophotometric method
Simultaneous Determination of Sumatriptan and Naproxen in Dosage Forms and Human Plasma Using LC/MS
Comparative study of novel spectrophotometric methods manipulating ratio spectra: An application on pharmaceutical ternary mixture of omeprazole, tinidazole and clarithromycin
A Comparative Study of the Novel Ratio Difference Method versus Conventional Spectrophotometric Techniques for the Analysis of Binary Mixture with Overlapped Spectra
Validation of Selective Electrochemical Method for Determination of Sumatriptan in Combined Dosage Form
Quantitative Analysis of the Cholesterol-Lowering Drugs Ezetimibe and Simvastatin in Pure Powder, Binary Mixtures, and a Combined Dosage Form by Spectrophotometry, Chemometry, and High-Performance Column Liquid Chromatography
Stability-indicating methods for the determination of famciclovir in the presence of its alkaline-induced degradation product

Colorimetric Determination of Pregabalin in Pharmaceutical Formulation

Smart stability-indicating spectrophotometric methods for determination of binary mixtures without prior separation

Determination of Tetraconazole and Diniconazole Fungicide Residues in Tomatoes and Green Beans by Capillary Gas Chromatography

Determination of tetraconazole and didiconazole fungicide residues in tomatoes and green beans by capillary gas chromatography

Stability Indicating Electrochemical Methods for the Determination of Meclophenoxate Hydrochloride and Pyritinol Dihydrochloride Using Ion-Selective Membrane Electrodes

Kinetic Study on the Degradation of Meclophenoxate Hydrochloride in Alkaline Aqueous Solutions by High Performance Liquid Chromatography

Rapid and Simple Method for Determination and Degradation of Methomyl Residues in Vegetables

Validated stability indicating spectrophotometric methods for the determination of lidocaine hydrochloride, calcium dobesilate, and dexamethasone acetate in their pharmaceutical dosage forms

Simultaneous determination of omeprazole, tinidazole and clarithromycin in combination

Spectrophotometric Methods for Simultaneous Determination of Ibuprofen and Methocarbamol

Simple spectrophotometric analysis of Benazepril hydrochloride or Valsartan in combined pharmaceutical dosages with Hydrochlorothazide

Spectrofluorimetric Determination of Bisoprolol Fumarate and Valsartan in Tablets and Spiked Plasma

Stability Indicating Methods for the Determination of Two Hypolipameic Drugs

Simultaneous Determination of Ibuprofen and Methocarbamol in Combination

- Determination of Atenolol, Chlorothalidone and Amiloride in Combinations

Stability Indicating Method for the Determination of Nizatidine Using 3-Methyl-2-Benzothiazolinone Hydrazone

Evaluation of the efficiency of continuous wavelet transform as processing and preprocessing algorithm for resolution of overlapped signals in univariate and multivariate regression analyses; an application to ternary and quaternary mixtures

Simultaneous determination of 200 pesticide residues in honey using gas chromatography–tandem mass spectrometry in conjunction with streamlined quantification approach

Development and validation of stability indicating spectrophotometric methods for determination of sulbutiamine in tablet dosage form

Comparative Study of the Resolution Efficiency of High-performance Liquid Chromatographic and Chemometrics-assisted UV Spectrophotometric Methods: Application on Pharmaceutical Mixtures

- Stability Indicating spectrophotometric methods for determination of nifedipine in the presence of its alkaline induced degradation products

Comparative study of the resolution efficiency of HPLC and HPTLC densitometric methods for the analysis of mebeverine hydrochloride

Validated spectrophotometric methods for simultaneous determination of Omeprazole, Tinidazole and Doxycycline in their ternary mixture

Recent development in ultraviolet spectrophotometry through the last decade (2006–2016)

Evaluation of the efficiency of continuous wavelet transform as processing and preprocessing algorithm for resolution of overlapped signals in univariate and multivariate regression analyses; an application to ternary and quaternary mixtures

Investigation of the Profile and Kinetics of Degradation of Fenticonazole Nitrate using Stability-indicating HPLC Assay in Presence of Methyl and Propyl Parabens: Application to Preformulation Studies