



Basic Information :

Name : Mohamed Mohamed
Title : Professor of Analytical Chemistry

Professor Mohamed Abdelkawy, professor of Analytical chemistry - Department of Pharmaceutical Chemistry. he has a PH.D and MSC degree in Analytical Chemistry from Cairo university.

Education :

Certificate	Major	University	Year
PhD			1987
Masters			1980
Bachelor			1973

Paper :

Eco-friendly spectrophotometric evaluation of triple-combination therapies in the treatment strategy of patients suffering from hypertension during coronavirus pandemic . Spectralprint recognition study

Solid Phase Extraction and Simultaneous Chromatographic Quantification of some Non-steroidal Anti-inflammatory Drug Residues; an Application in Pharmaceutical Industrial Waste Water Effluent

Analytical Eco-Scale for Evaluating the Greenness of Advanced Voltammetric Method Used for the Simultaneous Analysis of combined urinary tract infection drugs in different matrices

Comparative Study of the Selectivity power of Colorimetric Method Over Chromatographic Methods For the Analysis of Valaciclovir Hydrochloride

Development of Green and Efficient Extraction Methods of Quercetin from Red Onion ScalesWastes Using Factorial Design for Method Optimization: A Comparative Study

Green and Cost-Effective Extraction Techniques of Quercetin from Mixture of Nutraceuticals with Yield Analysis via Spectrophotometry and High-Performance Liquid Chromatography Methods

Eco-friendly RP-HPLC and HPTLC Methods for Simultaneous Determination of Tamsulosin Hydrochloride and Daflazacort in the Presence of 21-hydroxy deflazacort and Testing the In-Vitro Dissolution of the Combined dosage Form Via RP-HPLC Method

Optimised Ion Selective Electrode for Direct Determination of Tamsulosin Hydrochloride in the Presence of Co-formulated Drug, Deflazacort and Application to Analysis of Uroselective Drug in Tablet Dosage Form and Human Urine

Stability Indicating TLC. Densitometric Method for Determination of Alcaftadine in Presence of its Degradation Products and Dosage form Preservatives

Comparative Study for Determination of Atracurium Besilate in Presence of Its Toxic Degradant (Laudanosine) by Reversed Phase HPLC and TLC Densitometry

Review on analytical studies of some pharmaceutical compound containing heterocyclic rings: brinzolamide, timolol maleate, flumethasone pivalate, and clioquinol

Potentiometric Method to Determine Montelukast Sodium in its Tablets with In-line Monitoring of its Dissolution Behaviour.

Validated Chromatographic and Spectrofluorimetric Methods for Analysis of Silodosin: A Comparative Study with Application of RP-HPLC in the Kinetic Investigation of Silodosin Degradation.

Simultaneous determination of phenazopyridine HCl and trimethoprim in presence of phenazopyridine HCl impurity by univariate and multivariate spectrophotometric methods-Quantification of phenazopyridine HCl impurity by univariate methods.

Synchronized Stability Indicating RP-LC Methods for Determination of Metolazone with Losartan Potassium or Spironolactone in Presence of Their Degradation Products

Simultaneous determination of meclizine hydrochloride in its mixtures with pyridoxine hydrochloride, caffeine or nicotinic acid Using HPLC and TLC-densitometric methods,

Comparison of two augmented classical least squares algorithms and PLS for determining nifuroxazide and its genotoxic impurities using UV spectroscopy.

Spectral analysis of overlapped absorption bands of binary mixtures- an application on combination of pseudoephedrine sulphate and loratadine mixture.
Different aspects in manipulating overlapped spectra used for the analysis of trimebutine maleate and structure elucidation of its degradation products.
Spectral analysis of overlapped absorption bands of binary mixture-an application on combination of Pseudoephedrine Sulfate and Loratadine mixture
Potentiometric sensing of Valaciclovir Hydrochloride in the presence of its acid induced degradation product with real time acquisition of the dissolution profile from its pharmaceutical formulations
Potentiometric sensing of Valaciclovir Hydrochloride in the presence of its acid induced degradation product with real time acquisition of the dissolution profile from its pharmaceutical formulations
Real time selective monitoring of the dissolution behavior of Pseudoephedrine Sulfate and Loratadine in their binary and ternary dosage form by utilization of In-line potentiometric sensor
Simultaneous Determination of Thalidomide and Dexamethasone in Rat Plasma by Validated HPLC and HPTLC With Pharmacokinetic Study
Validated stability-indicating spectrophotometric methods for the determination of Silodosin in the presence of its degradation products
Chemometric assisted solid-phase extraction for the simultaneous determination of some anti-inflammatory drug residues in pharmaceutical industrial wastewater
Real-time potentiometric sensor; an innovative tool for monitoring hydrolysis of chemo/bio-degradable drugs in pharmaceutical sciences
Spectrofluorimetric determination of Bisoprolol fumarate and Rosuvastatin calcium in a novel combined formulation and in human spiked plasma
Simultaneous determination of hyoscine N-butyl bromide and paracetamol in their binary mixture by RP-HPLC method
Validated electrochemical and chroma-tographic quantifications of some antibiotic residues in pharmaceutical industrial waste water.
Comparative study of the spectral resolution efficiency of the recently developed and conventional spectrophotometric methods in the analysis of severely overlapped zero-order absorption spectra with the same geometrical features
Simultaneous Determination of Aspirin, Dipyridamole and Two of Their Related Impurities in Capsules by Validated TLC-Densitometric and HPLC Methods
Validated UPLC and TLC-Densitometry Stability Indicating Methods for the Determination of Rafoxanide in Presence of Its Degradation products
Chemometrics Tools in Detection and Quantitation of the Main Impurities Present in Aspirin/Dipyridamole Extended-Release Capsules
Enhancing prediction power of chemometric models through manipulation of the fed spectrophotometric data: A comparative study
Stability-indicating chromatographic methods for determination of flecainide acetate in the presence of its degradation products; isolation and identification of two of its impurities
Stability-indicating spectrophotometric methods for determination of the anticoagulant drug apixaban in the presence of its hydrolytic degradation product
A comparative study of progressive versus successive spectrophotometric resolution techniques applied for pharmaceutical ternary mixtures
Determination of nifuroxazide and drotaverine hydrochloride in pharmaceutical preparations by three independent analytical methods
Validated RP-HPLC and TLC-Densitometric Methods for Analysis of Ternary Mixture of Cetylpyridinium Chloride, Chlorocresol and Lidocaine in Oral Antiseptic Formulation
Two validated liquid chromatographic methods for the simultaneous determination of flumethasone pivalate, its related substance (flumethasone), and clioquinol
Spectrofluorimetric Determination of Diiodohydroxyquinoline in Presence of Metronidazole in Pharmaceutical Formulation and Spiked Human Plasma
LC-MS as a Stability-Indicating Method for Analysis of Hyoscine N-Butyl Bromide under Stress Degradation Conditions with Identification of Degradation Products
U ₁ ~ ca [Á á^ á^ b^ Á ^q \ aac [aáá] [-) aááá [-) a Á aáá^ Á q á [{ Á^} d á a b^ Á^ á) b á^ á) [• á^] ^ d a) aá { b^ á^
(mean centering of the ratio spectra method)
Different Spectrophotometric and TLC-Densitometric Methods for Determination of Two Analgesic Drugs
Different spectrophotometric and TLC-densitometric methods for determination of Lidocaine HCl and Cetylpyridinium Chloride

DRUG FORMULATIONS AND CLINICAL METHODS-Simultaneous Determination of Diloxanide Furoate and Metronidazole in Presence of Diloxanide Furoate Degradation Products

Simultaneous determination of diloxanide furoate and metronidazole in presence of diloxanide furoate degradation products