

### **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 :**

<b>Certificate</b>	<b>Major</b>	<b>University</b>	<b>Year</b>
PhD	Pharmaceutical Sciences Analytical Chemistry	Cairo University	1987
Masters	Pharmaceutical Sciences Analytical Chemistry	Cairo University	1980
Bachelor	Pharmaceutical Sciences	Cairo University	1973

### **Research :**

Determination of nifuroxazide and drotaverine hydrochloride in pharmaceutical preparations by three independent analytical methods

Spectrofluorimetric determination of 3-methylflavone-8-carboxylic acid, the main active metabolite of flavoxate hydrochloride in human urine

RP-HPLC with Time Programmed Fluorescence Detection for Quantitation of Avanafil and Dapoxetine Hydrochloride: Application to Pharmaceutical Dosage Form and Biological Fluid

A comparative study of ICH validated novel spectrophotometric techniques for resolving completely overlapping spectra of quaternary mixtures

Validated RP-HPLC and TLC-Densitometric Methods for Analysis of Ternary Mixture of Cetylpyridinium Chloride, Chlorocresol and Lidocaine in Oral Antiseptic Formulation

Stability-indicating chromatographic methods for the determination of sertindole

Kinetic study and mechanism of Niclosamide degradation

Validated stability indicating RP-HPLC for quantitation of nitazoxanide in presence of its alkaline degradation products and their characterization by HPLC-tandem mass spectrometry

Different Spectrophotometric and TLC-Densitometric Methods for Determination of Two Analgesic Drugs

Validated stability indicating TLC-Densitometric method for the determination of diacerein

Simultaneous Determination of Hyoscine N-Butyl Bromide and Paracetamol by RP-TLC Spectrodensitometric Method

Two validated liquid chromatographic methods for the simultaneous determination of flumethasone pivalate, its related substance (flumethasone), and clioquinol

Validated Chromatographic Methods for Simultaneous Determination of Tolfenamic Acid and Its Major Impurities

Different spectrophotometric and TLC-densitometric methods for determination of Lidocaine HCl and Cetylpyridinium Chloride

Biomolecular Spectroscopy

Simultaneous determination of hyoscine N-butyl bromide and paracetamol in their binary mixture by RP-HPLC method

Stability indicating spectrophotometric methods for determination of bumadizone in the presence of its alkaline degradation product

Spectrophotometric, chemometric and chromatographic determination of naphazoline hydrochloride and chlorpheniramine maleate in the presence of naphazoline hydrochloride alkaline degradation product

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

Simultano određivanje metokarbamola i ibuprofena ili diklofenak kalija metodom centriranja srednjih vrijednosti spektralnih omjera (mean centering of the ratio spectra method)

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

Simultaneous Determination of Hyoscine Butyl Bromide and Dipyrone in their Binary Mixture by RP\_TLC Spectrodensitometric Method

Analysis of chlordesmethyldiazepam by three different techniques

Validated spectrophotometric and spectrodensitometric methods for determination of a ternary mixture of analgesic drugs in different dosage forms

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

Spectrophotometric determination of Dropropizine in pure form and pharmaceutical formulation.

Simultaneous determination of a quaternary mixture of oxomemazine, sodium benzoate, guaifenesin and paracetamol by chromatographic methods

Novel Spectrophotometric Methods for Determination of Salicylamide and Ascorbic acid in their binary mixture

Stability-indicating spectrophotometric methods for determination of the anticoagulant drug apixaban in the presence of its hydrolytic degradation product

Stability-indicating chromatographic methods for determination of flecainide acetate in the presence of its degradation products; isolation and identification of two of its impurities

Enhancing prediction power of chemometric models through manipulation of the fed spectrophotometric data: A comparative study

Validated UPLC and TLC-Densitometry Stability Indicating Methods for the Determination of Rafoxanide in Presence of Its Degradation products

Simultaneous Determination of Aspirin, Dipyridamole and Two of Their Related Impurities in Capsules by Validated TLC-Densitometric and HPLC Methods

Chemometrics Tools in Detection and Quantitation of the Main Impurities Present in Aspirin/Dipyridamole Extended-Release Capsules

Spectrofluorimetric determination of 3-methylflavone-8-carboxylic acid, the main active metabolite of flavoxate hydrochloride in human urine