بسم الله الرحمن الرحيم

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بقسم التوثيق الإلكتروني بمركز الشبكات وتكنولوجيا المعلومات دون أدنى مسئولية عن محتوى هذه الرسالة.

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Analytical Investigation Of Certain Fungicides

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List of Abbreviations

• λ_{ex}	Excitation wavelength
• λ_{em}	Emission wavelength
• $\Delta\lambda$	Wave length difference
• AU	Gold
• ACN	Acetonitrile
• C-Dots	Carbon dots
• CD	Cyclodextrin
• CAPQ	Egyptian Central Administration of Plant Quarantine
• DAD	Diode array detector
• DW	Deionized water
• DOP	Dioctylphthalate
• D1	First derivative
• DMF	Dimethyl formamide
• EU	European Union
• ESI	Electrospray ionization
• emf	Electromagnetic force
• F^{O}	fluorescence intensities of the C-Dots in the absence of IMA
• F	fluorescence intensities of the C-Dots in the presence of IMA
• FAO	Food Agriculture Organization
• FTIR	Fourier transform infrared spectrometer
• g	Gram
• HP- β -CD	Hydroxy propyl beta cyclodextrin
• HILIC	Hydrophilic interaction liquid chromatography
• HBD	Hydrogen bond donor
• HBA	Hydrogen bond acceptor
• IMA	Imazalil
• i.d	Internal diameter
• I-IS	Injection internal standard
• ICH	International Conference on Harmonization
• $K^{pot}_{A, B}$	potential selectivity coefficients
• K_D	Stern-Volmer constant
• LOD	Limit of detection
• LOQ	Limit of quantitation
• LC- MS/MS	Liquid chromatography tandem mass spectrometry
• LLE	Liquid liquid extraction
• MRM	multiple reaction monitoring
• MWCNTs	Multi walled carbon nanotubes
• MET	Metalaxyl

List of Abbreviations

• MS/MS	Tandem mass spectrometry
• MIP	Molecular imprinted polymer
• MBC	Carbendazim
• MS	Mass spectrometry
• MDL	Method detection limit
• µg	Microgram
• mg	Milligram
• µL	Microliter
• MRL	Maximum residual limit
• MWCNTs	Multi walled- Carbon nanotubes
• M	Molar
• NaTPB	Sodium tetra phenyl borate
• ng	Nano gram
• nm	Nanometer
• OD	Outer diameter
• PCZ	Propiconazole
• PHI	Pre harvest interval
• PL	photoluminescence
• PVC	High molecular weight polyvinyl chloride
• Q	Concentration of the quencher
• QuEChERS	Quick, easy, cheap, effective, rugged and safe
• QY	Quantum yield
• R	Recovery
• RSD	Relative standard deviation
• SDS	Sodium dodecyl sulphate
• S.D	Standard deviation
• SFS	synchronous fluorescence spectroscopy
• SC	Suspension concentrate
• SPE	Solid phase extraction
• SL	soluble concentrate
• TEM	transmission electron microscope
• TBZ	Thiabendazole
• TAAC	Total absolute atomic charge
• TPP	Triphenyl phosphate
• TPB	Tetraphenyl borate
• THF	Tetrahydrofuran
• UPLC	Ultra-performance liquid chromatography
• UV	ultraviolet
• USDA	United States Department of Agriculture
• WP	Wettable powder
• WHO	World Health Organization

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