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Analytical Investigation Of Certain Fungicides

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List of Abbreviations

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• 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	Diethylphthalate
• D1	First derivative
• DMF	Dimethyl formamide
• EU	European Union
• ESI	Electrospray ionization
• emf	Electromagnetic force
• F^0	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
• $K_{A,B}^{\text{pot}}$	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

Table of contents

Table of contents.....	I
List of Figures.....	X
List of Tables	XIII
Preface.....	XV
Summary	XVI

Part I: General Introduction and Literature Review

Section A: General Introduction

I.A.I. Introduction	3
I.A.2. Classification of fungicides	3
I.A.2.1. Chemical classification of fungicides	4
I.A.2.2. Biological classification of fungicides	5
I.A.3. Exposure to pesticides	5
I.A.4. Maximum residue limit (MRL)	6
I.A.5. Toxicity of the pesticides	6
I.A.5.1. Toxicity of the studied fungicides	7

Section B: Literature Review

I.B. Studied fungicides	9
I.B.1. chemical structures and physicochemical properties	9
I.B.1.1. Carbendazim	9
I.B.1.2. Thiabendazole	9
I.B.1.3. Metalaxyl.....	10
I.B.1.4. Imazalil.....	11
I.B.1.5. Propiconazole.....	11
I.B.2. Methods of Analysis	12
I.B.2.1. Spectroscopic technique.....	12
I.B.2.1.1.For Carbendazim.....	12
I.B.2.1.1.1. Colorimetric methods.....	12
I.B.2.1.1.2.Spectrophotometric methods	13
I.B.2.1.1.3. spectrofluorimetric methods	13

I.B.2.1.1.4. Surface enhanced Raman Scattering methods.....	15
I.B.2.1.1.5. Infrared methods	15
I.B.2.1.2.For Thiabendazole	16
I.B.2.1.2.1.Colorimetric methods	16
I.B.2.1.2.2. Spectrophotometric methods.....	16
I.B.2.1.2.3. Spectrofluorimetric methods.....	16
I.B.2.1.2.4.Surface enhanced Raman Scattering methods.....	18
I.B.2.1.3. For Imazalil	19
I.B.2.1.3.1. Chemiluminescence method	19
I.B.2.1.4. For Metalaxyl	19
I.B.2.1.4.1. Spectrophotometric method	19
I.B.2.2. Separation techniques.....	20
I.B.2.2.1. High Performance Liquid Chromatography	20
I.B.2.2.2. Gas Chromatography	71
I.B.2.2.3. Thin layer chromatography	82
I.B.2.3. Capillary Electrophoresis	83
I.B.2.4. Electrochemical techniques.....	87

Part II: Chromatographic Methods for The Determination of The Studied Fungicides in Orange Samples

Section A: Determination of Fungicides' residues and Their Degradation Kinetics in Orange Tree Fruits Using Liquid Chromatography Tandem Mass Spectrometry Coupled with QuEChERS Method.

II.A.1. Introduction.....	95
II.A.2. Experimental	96
II.2.1. Apparatus.....	96
II.A.2.2. Samples.....	96
II.A.2.2.1. Pure Standard.....	96
II.A.2.2.2. Commercial Samples:	96
II.A.2.2.3. Market Samples	97
II.A.2.3. Chemicals and Reagents	97
II.A.2.4. Standard Solutions.....	98
II.A.2.4.1. Stock Standard Solutions	98

II.A.2.4.2. Working Standard Solutions	98
II.A.2.5. Procedures	98
II.A.2.5.1. Chromatographic Conditions.....	98
II.A.2.5.2. Sample Preparation.....	99
II.A.2.5.2.1. Field Experiment.....	99
II.A.2.5.2.2. Sampling and Storage.....	99
II.A.2.5.2.3. Extraction Procedure (QuEChERS).....	100
II.A.2.5.3. Determination of fungicides in spiked samples	100
II.A.2.5.4. Method Validation	100
II.A.2.5.4.1. Linearity.....	101
II.A.2.5.4.2. Trueness	101
II.A.2.5.4.3. Precision.....	101
II.A.2.5.4.4. Evaluation of Matrix Effect.....	101
II.A.2.5.4.5. Specificity	102
II.A.2.5.4.6. The method detection limit (MDL) and limit of quantitation (LOQ)	102
II.A.2.5.5. Application to Market Samples	102
II.A.2.5.6. Study of the degradation rate of the fungicides in orange samples	102
II.A.3. Results and Discussion.....	102
II.A.3.1. Optimization and development of the chromatographic method of analysis of fungicide residues in orange matrices.....	103
II.A.3.2. Sample Preparation	104
II.A.3.3. Method Validation	104
II.A.3.3.1. Linearity	104
II.A.3.3.2. Trueness.....	104
II.A.3.3.3. Precision.....	105
II.A.3.3.4. Matrix Effect.....	105
II.A.3.3.5. Specificity.....	105
II.A.3.3.6. The method detection limit (MDL) and limit of quantitation(LOQ)	106
II.A.3.4. Application to real samples and study of the degradation rate of fungicides in orange samples.	106
II.A.3.5. Statistical Analysis	108
II.A.4. Conclusion	108

Section B: Hydrophilic Interaction Liquid Chromatography (HILIC) with DAD Detection For The Determination of Relatively Non Polar Fungicides in Orange Samples.

II.B.1. Introduction.....	125
II.B.2. Experimental	126
II.B.2.1. Apparatus	126
II.B.2.2. Samples	126
II.B.2.2.1. Pure standards	126
II.B.2.2.2. Commercial samples.....	126
II.B.2.2.3. Market samples	126
II.B.2.3. Chemicals and reagents.....	127
II.B.2.4. Standard solutions.....	127
II.B.2.4.1. Stock standard solutions.....	127
II.B.2.4.2. Working standard solutions	127
II.B.2.5. Procedure.....	127
II.B.2.5.1. Chromatographic conditions	127
II.B.2.5.2. Sample preparation	128
II.B.2.5.2.1. Field experiment.....	128
II.B.2.5.2.2. Sampling and storage.....	128
II.B.2.5.2.3. Extraction procedure	128
II.B.2.5.2.3.1. QuEChERS.....	128
II.B.2.5.2.3.2. Solid phase extraction (SPE)	128
II.B.2.5.2.3.3. Liquid liquid extraction (LLE).....	128
II.B.2.5.2.3.3.1. LLE for citrus fruit	128
II.B.2.5.2.3.3.2. LLE for orange juice	129
II.B.2.5.3. Method Validation.....	129
II.B.2.5.3.1. Linearity	129
II.B.2.5.3.2. Trueness	130
II.B.2.5.3.3. Precision.	130
II.B.2.5.3.4. Matrix effect	130
II.B.2.5.3.5. Specificity	131
II.B.2.5.3.6. The limit of detection (LOD) and limit of quantitation (LOQ).....	131
II.B.2.5.3.7. System Suitability Parameters	131

II.B.2.5.3.8. Robustness.....	131
II.B.2.5.4. Application to spiked and real market samples.....	131
II.B.2.5.5. Study of the degradation rate of Carbendazim in orange samples.....	132
II.B.3. Results and discussion.....	132
II.B.3.1. Optimization and development of the chromatographic method of analysis of fungicide residues in orange matrices.....	132
II.B.3.2. Sample preparation.....	134
II.B. 3.3. Method validation	136
II.B.3.3.1. Linearity	136
II.B.3.3.2. Trueness	136
II.B.3.3.3.Precision.....	136
II.B.3.3.4. Matrix effect.....	137
II.B.3.3.5. Specificity	137
II.B.3.3.6. The limit of detection (LOD) and quantification (LOQ)	137
II.B.3.3.7. System suitability parameters.....	137
II.B.3.3.8. Robustness	138
II.B.3.4. Application to spiked and real market samples and study of the degradation rate of MBC in orange samples.	138
II.B.3.5. Statistical analysis	140
II.B.4. Conclusion	140
Part III: Spectrofluorimetric Methods for The Determination of The Studied Fungicides in Their Commercial Products	
Section A: First Derivative Synchronous Spectrofluorimetric Method for The Simultaneous Determination of Carbendazim (MBC) and Thiabendazole (TBZ) in Their Commercial Products.	
III.A.I. Introduction.....	165
III.A.2. Experimental.....	166
III.A.2.1. Apparatus.....	166
III.A.2.2. Samples	166
III.A.2.2.1. Pure standards.....	166
III.A.2.2.2. Commercial samples	166
III.A.2.3. Chemicals and reagents	166
III.A.2.4. Standard solutions	167

III.A.2.4.1. Stock standard solutions	167
III.A.2.4.2. Working standard solutions	167
III.A.2.4.3. Stock Standard Solutions of β cyclodextrin (β CD) and hydroxy propyl β cyclodextrin.	167
III.A.2.4.3. Stock Standard Solutions of 4- tert-Butylcalix[8]arene	167
III.A.2.4.4. Stock Standard Solutions of Sodium Dodecyl Sulfate (SDS) and Cetrimide.....	167
III.A.2.4.5. Stock Standard Solutions of triton X 100 and Tween 80	167
III.A.2.5. Procedure	168
III.A.2.5.1. Spectral characteristics of Carbendazim and Thiabendazole.....	168
III.A.2.5.2. Optimization of the spectrofluorimetric method	168
III.A.2.5.2.1. Effect of different solvents on the fluorescence intensity of MBC and TBZ:.....	168
III.A.2.5.2.2. Effect of different micellar media on the fluorescence intensity of MBC and TBZ:..	169
III.A.2.5.2.3. Effect of different encapsulating agents on the fluorescence intensity of MBC and TBZ:	169
III.A.2.5.2.4. Effect of different buffers with various pH ranges on the fluorescence intensity of MBC and TBZ:.....	169
III.A.2.5.3. Method Validation	170
III.A.2.5.3.1. Linearity	170
III.A.2.5.3.2. Accuracy	170
III.A.2.5.3.3. Precision	171
III.A.2.5.3.4. Specificity	171
III.A.2.5.3.5. The limit of detection (LOD) and limit of quantitation (LOQ)	171
III.A.2.5.4. Application of the proposed method for the determination of MBC and TBZ in their commercial samples	171
III.A.3. Results and discussion	172
III.A.3.1. Method development and optimization.....	173
III.A.3.2. Method validation.....	174
III.A.3.2.1. Linearity	175
III.A.3.2.2. Accuracy.....	175
III.A.3.2.3. Precision	175
III.A.3.2.4. Specificity	175
III.A.3.3.5. The limit of detection (LOD) and quantitation (LOQ)	176
III.A.3.4. Pharmaceutical dosage form and standard addition technique.....	176

III.A.3.5. Statistical analysis.....	176
III.A.3.6. Conclusion.....	176
Section B: A Novel Fluorescent Probe for Imazalil Determination Based on Quenching of C-dots Fluorescence.	
III.B.1. Introduction	192
III.B.2. Experimental.....	193
III.B.2.1. Apparatus.....	193
III.B.2.2. Samples.....	194
III.B.2.2.1 Pure Samples:	194
III.B.2.2.2. Pharmaceutical formulation	194
III.B.2.3. Chemicals and reagents	194
III.B.2.4. Standard solutions	194
III.B.2.5. Procedures.....	194
III.B.2.5.1. Preparation of C-Dots by Microwave-Assisted Method.....	194
III.B.2.5.2. Spectral characteristics of C-Dots alone and in the presence of IMA:	195
III.B.2.5.3. The effect of experimental conditions on the fluorescence quenching of C-Dots by IMA	195
III.B.2.5.3.1. Effect of C-Dots concentrations.....	195
III.B.2.5.3.2. Solvent effect	195
III.B.2.5.3.3. pH effect.....	196
III.B.2.5.4.Quantum yield (QY) measurements.....	196
III.B.2.5.3. Method Validation	197
III.B.2.5.3.1. Linearity	197
III.B.2.5.3.2. Accuracy	197
III.B.2.5.3.3. Precision.....	197
III.B.2.5.3.4. Limit of detection and limit of quantitation:.....	197
III.B.2.5.4. Application of the proposed method for the determination of IMA in commercial sample:	198
III.B.3. Results and Discussion.....	198
III.B.3.1. Method development and optimization	199
III.B.3.2. Synthesis and characterization of C-Dots.....	199
III.B.3.1.1.1. Effect of C-Dots concentration	200

III.B.3.1.1.2. Solvent effect	200
III.B.3.1.1.3. pH effect.....	200
III.B.3.3. Method validation.....	200
III.B.3.3.1. Linearity	200
III.B.3.3.2. Accuracy	201
III.B.3.3.3. Precision	201
III.B.3.3.4. Limit of detection and limit of quantitation.....	201
III.B.3.4. Commercial sample and standard addition technique	201
III.B.3.5. Statistical analysis.....	202
III.B.4. Conclusion.....	202

Part IV: Micro Determination and Study of The Degradation Rate of MBC in Orange Samples Using Novel Potentiometric Sensors.

IV.1. Introduction.....	212
IV.2. Experimental	214
IV.2.1. Apparatus	214
IV.2.2. Samples	215
IV.2.2.1. Pure standards	215
IV.2.2.2. Commercial samples.....	215
IV.2.2.3. Market samples	215
IV.2.3. Chemicals and reagents.....	215
IV.2.4. Standard solutions.....	216
IV.2.4.1. Stock standard solution	216
IV.2.4.2. Working standard solution	216
IV.2.5. Procedures	216
IV.2.5.1. Preparation of the ion-association complex.....	216
IV.2.5.2. Ion selective membrane composition and Sensors fabrication	216
IV.2.5.2.1. precipitation technique	216
IV.2.5.2.2. Ionophore technique	217
IV.2.5.3. potential measurement	217
IV.2.5.4. Experimental conditions	218
IV.2.5.4.1. Identification of electrochemical properties of the proposed electrodes	218
IV.2.5.4.2. pH effect	218

IV.2.5.4.3. Effect of foreign compounds	218
IV.2.5.4.3. Potentiometric water layer test	219
IV.2.5.5. Applications.....	219
IV.2.5.5.1.Application to spiked orange samples	219
IV.2.5.5.2.Applications to the treated orange samples.....	219
IV.2.5.5.2.1. Field experiment	219
IV.2.5.5.2.2. Sampling and storage.....	220
IV.3. Results and Discussion	220
IV.3.1. Sensor fabrication	220
IV.3.2. Sensor calibration and response time	222
IV.3.3. pH effect.....	223
IV.3.4. Sensors selectivity.....	224
IV.3.4. Potentiometric water layer test.....	225
IV.3.5. Application to spiked and real market samples and study of the degradation rate of MBC in orange samples.	225
IV.3.6. Statistical analysis	226
IV.4. Conclusion	226
General Discussion.....	242
References	251

List of Figures

Figure 1: Full scan mass spectra of the five pure fungicides: (a) MBC. (b) IMA. (c) MET. (d) PCZ. (e) TBZ	110
Figure 2: Product ion mass spectra of the five pure fungicides (a) MBC. (b) IMA. (c) MET. (d) PCZ. (e) TBZ	111
Figure 3: Extracted ion chromatograms for the pure five fungicides (a) MBC (b) TBZ (c) MET (d) IMA (e) PCZ (f) TPP.	112
Figure 4: Total ion chromatogram for the pure five fungicides. (1) MBC (2) TBZ (3) MET (4) IMA (5) PCZ	112
Figure 5: Linearity of the peak area ratio versus the corresponding concentration of MBC using the proposed LC-MS/MS method.	113
Figure 6: Linearity of the peak area ratio versus the corresponding concentration of TBZ using the proposed LC-MS/MS method.	113
Figure 7: Linearity of the peak area ratio versus the corresponding concentration of MET using the proposed LC-MS/MS method.	114
Figure 8: Linearity of the peak area ratio versus the corresponding concentration of IMA using the proposed LC-MS/MS method.	114
Figure 9: Linearity of the peak area ratio versus the corresponding concentration of PCZ using the proposed LC-MS/MS method.	115
Figure 10: Study of the degradation pattern of MBC in orange samples using the proposed LC-MS/MS method.	115
Figure 11: Study of the degradation pattern of MET in orange samples using the proposed LC-MS/MS method.	116
Figure 12: Study of the degradation pattern of PCZ in orange samples using the proposed LC-MS/MS method.	116
Figure 13: HPLC chromatogram of the five pure fungicides using our proposed method.	142
Figure 14: HPLC chromatogram of pre-extracted fungicides in orange sample using the proposed method.	142
Figure 15: HPLC chromatogram of orange blank sample using the proposed method.	143
Figure 16: Effect of different eluting solvents on recovery % of MBC, TBZ and IMA from orange samples using SPE.	143
Figure 17: Effect of different extraction solvents used in LLE on recovery % of MBC, TBZ and IMA from orange samples.	144
Figure 18: Effect of different ratio of ethyl acetate: diethyl ether used in LLE on recovery % of MBC, TBZ and IMA from orange samples.	144
Figure 19: Effect of different volumes of diethyl ether: ethyl acetate used in LLE on recovery % of MBC, TBZ and IMA from orange samples.	145
Figure 20: Comparison of recovery % of MBC, TBZ and IMA using the three extraction methods; (LLE, SPE, QuEChERS).	145
Figure 21: Linearity of the peak areas versus the corresponding concentrations of MBC in acetonitrile using the proposed HPLC method.	146
Figure 22: Linearity of the peak areas versus the corresponding concentrations of MBC in oranges using the proposed HPLC method.	146
Figure 23: Linearity of the peak areas versus the corresponding concentrations of TBZ in acetonitrile using the proposed HPLC method.	147