بسم الله الرحمن الرحيم

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تم رفع هذه الرسالة بواسطة / مني مغربي أحمد

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

ملاحظات: لا يوجد

Development of analytical methods for determination and elimination of some strobilurin pesticides in environmental samples

Thesis

Presented for the partial fulfillment of the degree of

Philosophy Doctorate in Pharmaceutical Sciences

(Pharmaceutical Analytical Chemistry)

By

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M.SC. Pharmaceutical Sciences 2015

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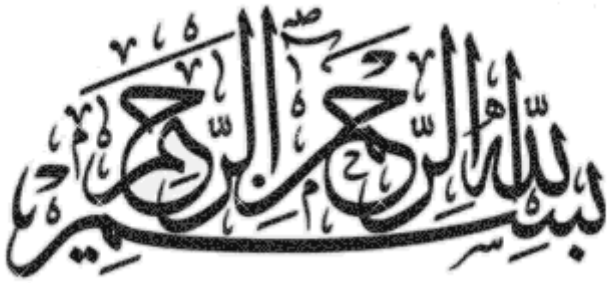

قَالُوا۟ سُبْحَٰنَكَ لَا عِلْمَ لَنَآ إِلَّا مَا عَلَّمْتَنَآ ۖ إِنَّكَ أَنتَ ٱلْعَلِيمُ ٱلْحَكِيمُ ﴿٣٢﴾

سورة البقرة (٣٢)

Acknowledgment

All thanks and gratitude to Allah, who has given me the strength and will to finish this work. Words and thanks will never suffice to praise Allah for his mercy, blessing and guidance that lead me throughout the tough times.

It is an honor for me to express my sincere thanks and grateful appreciation to ***Prof. Dr. Amira Mabrouk El-Kosasy***, Professor of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Ain Shams University, for her valuable suggestions, expert supervision, constructive comments, patience, unlimited support, generous assistance, and for the extensive effort, time, energy, and guidance during the supervision of this work. I will always be proud that my thesis was under her supervision.

I also wish to express my gratitude and thanks to ***Prof. Dr. Shereen Moustafa Tawakkol***, Professor of Pharmaceutical Analytical Chemistry, and head of pharmaceutical chemistry department, Faculty of Pharmacy, Ahram Canadian University, for her kind supervision and research guidance. She enriched me with spiritual power, capabilities, and enthusiasm to achieve goals I have been longing for.

Moreover, I would like to thank deeply ***Prof. Dr. Miriam Farid Ayad***, Professor of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Ain Shams University, for her fruitful help and advice, continuous support, and sincere encouragement throughout this work.

Finally, I would like to thank ***Assoc. Prof. Dr. Ahmed Fayed***, Associate Professor of Analytical Chemistry, Cairo University, for his effort in practical work and revision of this thesis.

I am thankful to all my professors, lecturers, colleagues, and technicians who helped me with their support and encouragement, especially ***Assoc. Prof. Dr. Ahmed Hemdan***, PhD Analytical Chemistry in Ahram Canadian Uni., ***Samah Mamdouh***,

Analyst in NODCAR, and ***Dr. Hassan Medhat***, PhD Pharmaceutics in Atomic Energy Commission.

Last but not least, without the support and encouragement of my family; my father, my mother, my brother and my sisters, I would not be able to complete my work, also I could not forget my wife; ***Dr. Samar Mamdouh***, PhD of Pharmaceutics, and my sons "YOUSSEF & YAHIA" who helped me a lot, encouraged me, and without their assistance, many things would not be in its present form.

To all of you,

Thank you

Ahmed I. Sheta

2022

Approval Sheet

Title of the Philosophy Doctorate Thesis in Pharmaceutical Sciences

(Pharmaceutical Analytical Chemistry)

Development of analytical methods for determination and elimination of some strobilurin pesticides in environmental samples

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LIST OF ABBREVIATIONS

ALG	Alginate
AZX	Azoxystrobin
BDD	Boron-doped diamond
BOS	Boscalid
CA	Citric acid
CDs	Carbon dots
CHS	Chitosan
CHS/ALG	Chitosan/ calcium alginate beads
CMC	Carboxymethyle cellulose
CN	Carbon nanotubes
DAD	Diode array detection
DFC	Difenoconazole
DOP	Dioctyl phthalate
d-SPE	Dispersive solid-phase extraction
ECD	Electron capture detector
FP	Fluorescence polarization
GO	Graphene oxide
GQD	Graphene quantum dots
IF	Imprinting factor
KRE	Kresoxim-methyl
LC50	Median lethal concentration
LD50	Oral median lethal dose
MA	Methacrylic acid
mAb	Monoclonal antibody
MIP	Molecularly imprinted polymer
MIR	Molecularly imprinted resin
MMFF	Minimized functional monomers

MOL	Molybdate
MRL	Maximum residue level
MRM	Multiple reaction monitoring
NIP	Non-molecularly imprinted polymer
NIR	Non-molecularly imprinted resin
PA	Peak area
PAR	Peak area ratio
PIC	Picoxystrobin
PL	L-α-phosphatidylcholine
PSA	Primary secondary amine
PYR	Pyraclostrobin
QoI	Quinone outside inhibitor
QuEChERS	Quick, Easy, Cheap, Effective, Rugged, and Safe
REN	Ammonium renickate
SPME	Solid-phase micro-extraction
SWCNTs	Single walled carbon nanotubes
TOF MS	Time-of-flight mass spectrometer
TRE	Trehalosomes
TRI	Trifloxystrobin
TUN	Tungstate
βCD	2-hydroxypropyl-β-cyclodextrin