



Institute of Graduate studies and Research
Department of Materials Science

Study of the green corrosion inhibitors for steel in acidic medium

A thesis Submitted in partial fulfillment of requirements for the
degree of Master of science, 2018

in

Materials Science

Presented by

Radwa Mahmoud Ali Gabr Zarraa

B.Sc. In Chemical Engineering

Faculty of Engineering, Alexandria University, 2010

Acknowledgment

*First of all, I would like to present my thankfulness to **ALLAH** for providing me the blessing to complete this work.*

*Second, my sincere appreciation goes to my supervisor **Prof. Dr. Fatma Mohamed Mahgoub** for all I have learned from her and for her continuous help and support in all stages of this thesis.*

*I would like to thank my supervisor **Dr. Ahmed Hefnawy** for his contribution and suggestions. I would also like to thank him for helping with the writing of this thesis.*