



Preparation and characterization of polysaccharides based hybrid materials for wastewater treatment.

A Thesis

To The Chemistry Department, Faculty of Science, Ain-Shams University

For The PhD. in Chemistry

Submitted by

Hazem Hassan Ragab Mohammed

M.Sc.-Chemistry, Faculty of Science, Benha University, 2016

Supervisors

Prof. Dr. Ahmed Kamel Elziaty

Professor of Organic Chemistry
Faculty of Science - Ain-Shams University

Prof. Dr. Mohamed M. El-Sakhawy

Professor of Paper and Cellulose Chemistry
National Research Center, Egypt

Ass.Prof. Ahmed Salama Mohamed

Ass.Professor Paper and Cellulose Chemistry
National Research Center, Egypt

**Faculty of Science
Ain Shams University
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THESIS ADVISORS

APPROVAL

Prof. Dr. Ahmed Kamel Elziaty

Professor of Organic chemistry
Faculty of Science - Ain-Shams University

Prof. Dr. Mohamed M.El-Sakhawy

Professor of Paper and Cellulose Chemistry
National Research Center, Egypt

Ass.Prof. Ahmed Salama Mohamed

Ass.Professor of Paper and Cellulose Chemistry
National Research Center, Egypt

**Head of Chemistry Department
Prof. Dr. Ibrahim Hosseini Ali Bader**

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Hazem Hassan Ragab Mohammed

The Referees

Name

APPROVAL

Prof. Dr. Ahmed Kamel Elziaty

Professor of Organic Chemistry
Faculty of Science - Ain Shams University

Prof. Dr. Adel Abdulhady Nassar

Professor of Organic Chemistry
Faculty of Science - Menofia University

Prof. Dr. Samaha Sayed Hussain

Professor of Chemistry – Metrology of Chemistry and Textile
National institute for standards, Egypt

Prof. Dr. Mohamed M.El-Sakhawy

Professor of Paper and Cellulose Chemistry
National Research Center, Egypt

**Head of Chemistry Department
Prof. Dr. Ibrahim Hosseini Ali Bader**

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

"وَاللَّهُ أَخْرَجَكُمْ مِنْ بُطُونِ أُمَّهَاتِكُمْ لَا

تَعْلَمُونَ شَيْئًا وَجَعَلَ لَكُمُ السَّمْعَ

وَالْأَبْصَارَ وَالْأَفْئِدَةَ لَعَلَّكُمْ تَشْكُرُونَ"

النحل (٧٨)

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