Graduation date: 1995 AD

2- Master's degree in Chemistry Sciences - majoring in Analytical Chemistry - from Anbar University

M - College of Science / - Department of Chemistry on 2009

• Title of the thesis:

Developing an equation for estimating the ionic strength by electrical

conduction method. The research work, discussion and writing of the thesis were done under the supervision of Prof. Dr. Ismail Khalil Al-Khatib and Prof.

Dr. Tahsin Ali Zaidan 3- PhD degree in Chemistry Sciences - Analytical Chemistry major - from

M the University of Baghdad - College of Science For girls/- Deg

The title of the

thesis is the removal of some organic pollutants from aqueous solutions by using Iraqi clays and improved clays, the Fenton reaction and the application of a semi-experimental program to study adsorption theoretically.

2014 AD: 1- Teaching experiences from 2005 AD to

Analytical chemistry for first-stage students - College of Science - Chemistry Department - Diyala

University 2- Analytical chemistry for second-stage students in the Faculties of Science and

Education - University of Diyala 3- Biochemistry for second-

stage students - College Science 4 - Automatic chemical analysis for fourth-stage students in the Faculties

• Practical experiences on scientific

equipment: 1- Infrared Spectroscopy (IR-FT) which is equipped by Shimadzu

Japanese company 2- Ultraviolet-Visible (Vis-UV) spectrometer which is equipped by Shimadzu

Japanese company 3- Chromatograph The high pressure thin layer (HPLC) which is equipped by

the Japanese company Shimadzu 4 - The atomic absorption device (Atomic absorption)

Courses and workshops:

1- A course in training on the atomic absorption device at Al-Nahrain

University 2- A workshop on drugs and their dangers in society at Al-Nahrain

University 3- A course in training on the high-performance liquid

chromatography device 4- A

course in teaching competence A course and a ce

Published research:

Adsorption study of Rhodamine B dye on iraqi bentonite and modified bentonite by nanocompound TiO2,ZnO,Al2O3 and sodiumdodecyle sulfate

American Journal of Environmental Science 9(3):269-297, 2013: Journal Name

Congo red Adsorotion on Bentonite and Modified Bentonite: 2 Search by name

Online International Interdisciplinary Research Journal: Journal name IssN2249-9598, volume III, Issue-V, Sept-Oct 2013

3: Degradation studies of Rhodamine B in the presence of a name UV/H2O2/Fe +2

International Journal of Technical Research and Applications - ISSN: 2320-8163, Volume 2, Issue 6/2014, pp.123-127

Removal of Congo Red by Photochemical Treatment using: 4. Search name Photo-Fenton Reagent

Analytical Chemistry An Indian Journal View Uploaded 5: The name of the journal Successfully

Research name: Study of the kinetics of copolymerization of large-size

monomers. Journal Name: 7 Journal of the College of Education - Al-Mustansiriya University -

First Issue - 2012 Volume Two Research Name: 8 The relationship between electrical conductivity and ionic strength of some double-charged electrolytes - Anbar University

Journal of Pure Sciences - Volume Three - Number Two. Research name: 9 The relationship between electrical conductivity and ionic strength, dual-charge electrolytes 4SO2Na '3CO2Na

Diyala Journal of Scientific and Educational Research - Issue 38 2009 - Research Name: 10 Spectral

determination of biscodyl in pure matter and pharmaceutical preparations by

11: Adsorption of Malachite Green onto Iraqi Bentonite and SDSBentonite
Surfactant, first issue in the quarterly volume of 2017 of the Iraqi Journal of
Industrial Research

• the computer:

Use of the Internet and Windows (very good), Word (excellent), Excel (good), program

Chemoffice for drawing chemical compounds and knowing a lot of information about these compounds

conversation			
Excellent	Excellent	Excellent	writing Languages:
average	excellent	read good	Arabic: English:

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