

Mohammed Kareem Samad**Scientific title: Lecturer**Mohammed.Samad@su.edu.krd**Office Correspondence:**

Salahaddin University-Hawler

Kirkuk Road, Erbil

College of Education

Department of Chemistry

Home Address:

Mamostayan-2, 227

Alley 67, (3)

phone:07504042363

Born: 13-6-1982

Education**Lecturer:** 26/05/2015**Ph.D student** in Organic Chemistry: 06/12/2015-present

Salahaddin University-Erbil

Assist. lecturer: 15/06/2012**Master** in Organic Chemistry, January 2011

Salahaddin University-Erbil

Thesis: synthesis and Spectroscopic Investigation of Some New Azo- Pyrazolines.*Supervisor:* Assist. prof. Dr. Farouq E. Hawaiz.**Assist. Chemist,** 26/2/2007- 18/10/2008**B.S. in Chemistry,** Rank (1), July 2006.**Research****Experience****Research Assistant,** Department of Chemistry

Salahaddin University-Erbil, May, 2011 – Present

Advisor: Prof. Dr. Farouq E. Hawaiz**Research Focus:**

- Synthesis of organic compounds.

- Anti-bacterial study for the synthesized organic compounds
- Spectroscopic interpretation (FT IR, $^1\text{H-NMR}$, $^{13}\text{C-NMR}$ and $^{13}\text{C-DEPT NMR}$) for the synthesized organic compounds.

Teaching

Experience College of Education, Department of Chemistry, Organic chemistry Lab., 2011 – Present

Laboratory instructor for undergraduate chemistry and Biology Dept.

- ❖ Basic principle in organic chemistry for 2nd stage of chemistry and 1st stage of Biology department.
- ❖ Organic chemistry preparation for 3rd stage of chemistry.
- ❖ Organic Identification for 4th stage of chemistry.

Computing

Scientific software including, IR software and chemoffice.

Extensive experience of Microsoft Office.

Presentations

- 1- Recrystallization of Impure Solid Organic Compounds. February, 2012.
- 2- Synthesis and Antibacterial Evaluation of Some New Pyrazoline Compounds Derived From p- Aminoacetophenone. December, 2013.
- 3- Synthesis and Spectroscopic Characterization of Some Diazodibenzyloxy Pyrazolines from Some Diazodibenzyloxy Chalcones. April, 2014.
- 4- Synthesis of Some New Heterocyclic Compounds Derived From 4-(4-Hydroxy-3-Chlorophenyl)azoacetophenone. May, 2015

Training

Chemical Separations and Advanced Chromatographic Techniques In GC & HPLC Applications.

University Of Dohuk, College Of Education, Chemistry Department Dohuk, April 12-17, 2008.

Conference Paper

Synthesis and Spectroscopic Investigation of Some New Azo-Pyrazolines.
4th International Scientific Conference Of Salahaddin University-
Erbil, October 18-20, 2011

Publications: (9)

Farouq E. Hawaiz and **Mohammed K. Samad (2012)** “Synthesis and Spectroscopic Characterization of Some New Biological Active Azo–Pyrazoline Derivatives”
E-Journal of Chemistry, 2012, 9(3), 1613-1622.

Farouq E. Hawaiz, **Mohammed K. Samad** and Pishtiwan A.Hamad **(2014)** “ Synthesis and Antibacterial Evaluation of Some New Pyrazoline Compounds Derived From p- Aminoacetophenone”
Zanco Journal of Pure and Applied Sciences Vol.26, No.1, 2014

Farouq E. Hawaiz , Awaz J. Hussein and **Mohammed K. Samad (2014)** “One-Pot Three Component Synthesis of Some New Azo-Pyrazoline Derivatives” European Journal of Chemistry 5 (2) (2014) 233-236.

Kamaram Basheer , **Mohammad K. Samad** and Wishyer Ali **(2014)** “Spectroscopic Studies of 3-(4-chlorophenylazo)- 4- hydroxyl acetophenone and Some of it's Metal Complexes”
Wasit Journal for Science & Medicine, 2014 7(2): (82-92)

Mohammed K. Samad, Lana H. Chawishli, Awaz J. Hussein **(2015)** “ Synthesis and Spectroscopic Characterization of Some Diazodibenzoyloxy Pyrazolines from Some Diazodibenzoyloxy Chalcones” Zanco Journal of Pure and Applied Sciences Vol.27, No.2, 2015.

Farouq E. Hawaiz, **Mohammed K. Samad** and Marlin Y. Aziz **(2015)** “Synthesis of Some New Heterocyclic Compounds Derived From 4-(4-Hydroxy-3-Chlorophenyl)azoacetophenone”
Journal of Zankoi Sulaimani-(Part-A), (2015) 17-2.

Farouq E. Hawaiz, Darya J. Raheem and **Mohammed K. Samad** (2016) “Synthesis and Characterization of Some New Azo-imine Dyes and their Applications” Journal of Zankoi Sulaimani-(Part-A), (2016) 13-3.

Diler D.Kurda, Darya J. Raheem, **Mohammed K. Samad** (2016) “Synthesis, Characterization and dyeing performance studies of some azo dyes derived from m-phenylenediamine” Zanco Journal of Pure and Applied Sciences Vol.28, No.6, 2016.

Farouq E Hawaiz , Lana H Chawishli, **Mohammed K Samad** and Shaaban K Mohamed (2017) “One Pot Synthesis and Characterization of Some New 1,3,5-Trisubstituted Pyrazoline Derivatives” Journal of Chemical and Pharmaceutical Research, 2017, 9(4):185-190

Mohammed Kareem Samad and Farouq Emam Hawaiz (2019) “Synthesis, characterization, antioxidant power and acute toxicity of some new azo-benzamide and azo-imidazolone derivatives with in vivo and in vitro antimicrobial evaluation” Bioorganic Chemistry 85 (2019) 431–444.

Mavise Yaman, Necmi Dege, Mzgin M. Ayoob, Awaz J. Hussein, **Mohammed K. Samad** and Igor O. Fritsky (2019) “Hirshfeld surface analysis and crystal structure of N-(2-methoxyphenyl)acetamide”, Acta Cryst. (2019). E75, 830–833

Update 1/6/2019