Dear Professor Abdelaziz SOUIZI,

We are pleased to submit our manuscript entitled “**Bach elimination of cationic dye from aqueous solution by electrocoagulation process**” for publication in Mediterranean Journal of Chemistry.

The paper presents original researches and it deals with problems related to the presence of dyes in textile effluents. These polluted effluents may be released in aquatic ecosystems such as in river streams which become colored. Moreover, the dyes contained in the effluents are toxic to living organisms due to their low biodegradability and persistence in the environment, and their presence in wastewater induces a risk to human health. Therefore, effluents have to be treated carefully before discharge. There are several methods for dye removal such as biological treatment, coagulation/flocculation, ozone treatment, chemical oxidation and photocatalytic processes, membrane processes, and adsorption. Among these methods, electrocoagulation process is observed to be a prominent technique for wastewater treatment, because it is simple in terms of operation and can remove the contaminant even at very low concentration.

The aim of the present work is to investigate the elimination of Methylene Blue, which is commonly used in the textile dyeing industries, by electrocoagulation process using stainless steel as electrodes in the electrochemical cell. Various parameters can be controlled by tuning, such as the nature of electrodes, electrode spacing, initial dye concentration, agitation speed, applied current density, NaCl concentration, and the effect of the initial pH.

The paper written by authors who develop researches devoted to wastewater treatment, is appealing for both popular and scientific audiences. Furthermore, before its submission for publication in Mediterranean Journal of Chemistry, the paper has been checked by a native tongue speaker with expertise in the field. We confirm also that this manuscript has not been published elsewhere and is not under consideration by any other journal. All of the authors agree with submission to Mediterranean Journal of Chemistry. We have no conflicts of interest to declare.

Thank you for your consideration of our manuscript.

We look forward to hearing from you.

Potential reviewers

1. El Kacimi Kacem, Faculty of Science, Rabat

E-mail: elkacemi2@yahoo.fr

1. Azzi Mohamed, Faculty of Science Ain-Chok, Casablanca

E-mail: azzimed57@gmail.com

1. Süheyda Atalay, Ege University, İzmir, Turkey

E-mail: suheyda.atalay@gmail.com

Sincerely,

Best Regards,

Prof. Mohamed HAMDANI

Univerité Ibn Zohr d'Agadir

Faculté des Sciences,

Equipe de Chimie Physique Et Environnement.

BP 8106, Cité Dakhla, Agadir, Maroc

Tel :    00212 5 28 22 09 57

Fax:    00212 5 28 22 01 00

GSM : 00212 6 61 66 30 74