2016-06-30

Dear Editor,

I am sending you the manuscript entitled "Electrochemical determination of 5-dodecylsalicylaldoxime and 2-hydroxy-5-nonylacetophenoneoxime in commercial extractants" by María P. Elizalde, María del Sol Rua, Marta Huebra and Begoña Menoyo, for consideration for publication as an Original scientific paper in the Journal of the Serbian Chemical Society.

The corresponding author of this manuscript is:

María P. Elizalde

Department of Analytical Chemistry, Faculty of Science and Technology,

University of the Basque Country (UPV/EHU)

Po Box 644, 48080 Bilbao

Spain

Tel: 00-34-946012708

Fax: 00-34-946013500

E-mail:maria.elizalde@ehu.es

In this paper we have developed a DPV method optimized with factorial and central composite design so as to determine 5-dodecylsalicylaldoxime and 2-hydroxy-5-nonylacetophenoneoxime. These compounds are the active components of several commercial extractants used in copper removal from industrial acidic effluents. As the pure extractants are not available it is necessary to know the amount of the active components in order to study fundamental extraction processes.

The developed method has been applied to the determination of these two compounds in several commercial extractants and the results obtained showed good agreement with previous results obtained with different techniques.

All authors of this manuscript confirm that:

- The manuscript is original and has been written by all of them.
- The manuscript has not been published elsewhere and is currently not being considered for publication by any other journal and will not be submitted for such a review while under review by the Journal of the Serbian Chemical Society.
- The manuscript contains no libellous or other unlawful statements and does not contain any materials that violate any personal or propietary rights of any other person or entity.

We would like to recommend the following referees for revision of our manuscript:

1.- Dr. Wulfhard Mickler

Mathematisch-Naturwissenschaftliche Fakultät, Institut für Chemie, Anorganische Chemie

Universität Potsdam

Potsdam, Germany

Tel: 00-49-331 9775194 oder -5170

E-Mail: wmickler@uni-potsdam.de

2.- Dra. Juana Rodriguez Flores

Department of Analytical Chemistry and Foods Technology

Universidad de Castilla-La Mancha (UCLM)

Ciudad Real, Spain

Tel: 00-34-926295300 Ext. 3444

E-Mail: <u>Juana.Rflores@uclm.es</u>

I, the corresponding author on behalf of all the authors, will sign this document.

Thank you very much for your attention.

Yours sincerely,

Dr. María P. Elizalde