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Surfactant modified fuller's earth as adsorbent for removal of fenoxaprop-p-ethyl from water samples; A statistical approach

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Abstract

Iq# wkl# vwg|/# ixdmuÚ# hduk# prglihg# z lk# vrglkp# grghf|ce hq}hqh# vxskrqlf#kdfg#z dv#xvhg#iru#dgvruswyh#hpryd#ri#ihqr{dsurs0s0hwk|d# khuelfgh#urp#z dwu#dpsdnv#dgg#wdwlwfdd#ssurdfk#z dv#hpsor|hg#wr# ydodgdh#wkh#h{shulphqwd#revhuydwlrqv1#Dc#wkh#dgvruswrq#h{shulphqw# zhuh#frggxfwg#q#edwfk#prgh1#Wkh#niihfw#ri#vroxwrq#sK/#bjlwdwrq#wph/# dgvruehqw#grvh#dgg#qlwd#khuelfgh#frqfhqwdwrq#zhuh#wxglhg1#Derxw# <;B(# dgvruswrq# hiilflhqf|# z dv# dfkclhyhg# dv# qlwd# dqdq|vh# frqfhqwdwrq#ri#4333#pj#O04#dw#sK#9#z lk#93#pl#dw#dgvruehqw#grvh# ri#B14#j1#Wkh#dgvruswrq#nlqhwlfv#z huh#wxglhg#dgg#w#z dv#revhuyhg#wkdw# svhxgr0hfrqg0rughu#nlqhwlf#prghd#iroorz#wkh#dgvruswrq#nlqhwlfv#z lk# U5@4B31#Wkh#fvrwkhup#wxglhv#krz#wkdw#wkh#dgvruswrq#gdwd#il w#zhq#wr# wkh#fuxvgdfk#fvrwkhup v#q#wdwlwfdq#hydoxdwrq/#Wkh#bglylgxdo#v#zhq#v# wkh#qlwhudfwrq#niihfw#ri#ydulrxv#idfwru#rq#dgvruswrq#z dv#qyhwlj dwhg# dgg#fw#z dv#revhuyhg#wkdw#frqfhqwdwrq/#sK#dgg#dgvruehqw#grvh#duh#wkh# vlj qlilfdqw# idfwru# z lk# s# ydoxhv# ri# 3B3334/# 3B337# dgg# 3B339# uhvshfwlyho/#z klb# frqdfw# wlph# z dv# irxqg# wdwlwfdo|# qvlj qlilfdqw# kdylqj#s#ydoxh#juhdwhu#wkdq#3B381#Wkh#frhiilflhqw#ri#ghwhup lqdwrq# +U5@31k63,#krz v#wkdw#(#dgvruswrq#fv#klj ko|#ghshgghqw#rq#wkh#wxglhg# idfwru#dgg#wkh1#qwudfwrqv#dgg#xqghu#wkh#rswlpl}hg#hw#ri#frqglwrqv# klj k#devruswrq#fdsdflw|#ri#5331 55#pj#j04#z dv#dfklhyhg1#

Recent Publications (minimum 5)

M. Muhammad, M. R. Jan, J. Shah and B. Ara. Determination of Isoproturon in Environmental Samples using QuEChERS Extraction-Spectrofluorimetric Method Environmental and Toxicological Chemistry 2019 38, 2614-2620

J. Shah, M. R. Jan, B. Ara, M. Muhammad, D. Nayab, S. Bibi. Selective removal of 2,4-dichlorophenol and 2,4,6-trichlorophenol in aqueous solutions by polyaniline-modified magnetic nanoparticles using high-performance liquid chromatography–UV detection Desalination and Water Treatment 2018 129 234–243

J. Shah, M. R. Jan, M. Muhammad, B. Ara, & I. Hasan. Waste water treatment with surfactant-modified fuller's earth for removal of acid blue 29; A statistical approach Methods and Objects in Chemical Analysis 2018 13(2), 90-98

M. R. Jan, J. Shah, M. Muhammad and B. Ara Flow Injection Spectrophotometric Determination of Glyphosate Herbicide in Wheat Grains via Condensation Reaction with p-Dimethylaminobenzaldehyde South African Journal of Chemistry 2018 71(1), 39-45



Biography

Dr. Mian Muhammad is Associate Professor of Analytical and Environmental Chemistry at Department of Chemistry, University of Malakand, KP, Pakistan. He is life time member of The Chemical Society of Pakistan. He has PhD degree in Analytical Chemistry from University of Peshawar, Pakistan.

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Notes/Comments:

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