Accepted Manuscript

Modification of gum ghatti via grafting with acrylamide and analysis of its flocculation, adsorption, and biodegradation properties

Hemant Mittal, Vaneet Kumar, Saeed M. Alhassan, Suprakas Sinha Ray

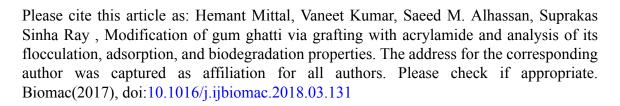
PII: S0141-8130(17)31515-5

DOI: doi:10.1016/j.ijbiomac.2018.03.131

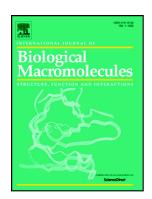
Reference: BIOMAC 9353

To appear in:

Received date: 26 April 2017
Revised date: 25 February 2018
Accepted date: 21 March 2018



This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

Modification of gum ghatti *via* grafting with acrylamide and analysis of its flocculation, adsorption, and biodegradation properties

Hemant Mittal^{1*}, Vaneet Kumar², Saeed M Alhassan¹ and Suprakas Sinha Ray^{3,4*}

¹Department of Chemical Engineering, Khalifa University of Science and Technology, PO Box

2533, Abu Dhabi, United Arab Emirates

²Department of Applied Science, CT Group of Institutions Shahpur, Jalandhar, Punjab, India ³DST/CSIR National Centre for Nanostructured Materials, Council for Scientific and Industrial

Research, Pretoria 0001, South Africa

⁴Department of Applied Chemistry, University of Johannesburg, Doornfontein 2028, South

*Corresponding authors.
E-mail addresses: mittal.hemant5@gmail.com (HM); rsuprakas@csir.co.za (SSR), suprakas73@yahoo.com (SSR)

Download English Version:

https://daneshyari.com/en/article/8327241

Download Persian Version:

https://daneshyari.com/article/8327241

Daneshyari.com