Accepted Manuscript

Silica gel-enhanced oxidation of caffeine by ferrate(VI)

Kyriakos Manoli, George Nakhla, Mingbao Feng, Virender K. Sharma, Ajay K. Ray

PII: S1385-8947(17)31378-5

DOI: http://dx.doi.org/10.1016/j.cej.2017.08.036

Reference: CEJ 17487

To appear in: Chemical Engineering Journal

Received Date: 12 June 2017 Revised Date: 30 July 2017 Accepted Date: 8 August 2017



Please cite this article as: K. Manoli, G. Nakhla, M. Feng, V.K. Sharma, A.K. Ray, Silica gel-enhanced oxidation of caffeine by ferrate(VI), *Chemical Engineering Journal* (2017), doi: http://dx.doi.org/10.1016/j.cej.2017.08.036

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

Silica gel-enhanced oxidation of caffeine by ferrate(VI)

Kyriakos Manoli¹, George Nakhla¹, Mingbao Feng², Virender K. Sharma*, Ajay K. Ray*, I

¹Department of Chemical and Biochemical Engineering, University of Western Ontario, London, ON N6A5B9, Canada Phone: Tel: 519-661-2111 ext. 81279; Fax: 519-661-3498; Email: aray@eng.uwo.ca

² Program for the Environment and Sustainability,
Department of Environmental and Occupational Health, School of Public Health,
Texas A&M University, 1266 TAMU, College Station, Texas 77843, United States
Phone: 979-436-9323; Fax: +1 (979) 436 9590; Email: vsharma@sph.tamhsc.edu

Download English Version:

https://daneshyari.com/en/article/4762925

Download Persian Version:

https://daneshyari.com/article/4762925

<u>Daneshyari.com</u>