Accepted Manuscript

Title: Efficient degradation of Azorubin S colourant in the commercial jam-jelly food samples using TiO₂-CoFe₂O₄ nanocomposites in visible light

Authors: Vrushali B. Shevale, Ananta G. Dhodamani, Valmiki B. Koli, Rani P. Barkul, Jyoti P. Jadhav, Sagar D. Delekar

PII: S0025-5408(16)31033-9

DOI: http://dx.doi.org/doi:10.1016/j.materresbull.2017.01.012

Reference: MRB 9105

To appear in: MRB

Received date: 20-9-2016 Revised date: 19-12-2016 Accepted date: 12-1-2017

Please cite this article as: Vrushali B.Shevale, Ananta G.Dhodamani, Valmiki B.Koli, Rani P.Barkul, Jyoti P.Jadhav, Sagar D.Delekar, Efficient degradation of Azorubin S colourant in the commercial jam-jelly food samples using TiO2-CoFe2O4 nanocomposites in visible light, Materials Research Bulletin http://dx.doi.org/10.1016/j.materresbull.2017.01.012

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

Efficient degradation of Azorubin S colourant in the commercial jam-jelly food samples using TiO₂-CoFe₂O₄ nanocomposites in visible light

Vrushali B. Shevale[†], Ananta G. Dhodamani[†], Valmiki B. Koli[†], Rani P. Barkul[‡], Jyoti P. Jadhav[§] and Sagar D. Delekar^{*,†,‡,#}.

[†]Department of Chemistry, Shivaji University, Kolhapur 416 004 (MS), India.

[‡] Department of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Sub-campus Osmanabad 413 501 (MS), India.

§Department of Biotechnology, Shivaji University, Kolhapur 416 004 (MS), India.

*Department of Chemistry and Biochemistry, Florida State University, Tallahassee 32306-4390 (FL), United States.

E-mail: * Corresponding Author

sdd_chem@unishivaji.ac.in, sddelekar7@rediffmail.com (Sagar Delekar)

(Tel.: +91-231-2609100, Fax: +91-231-2692333)

Submission of revised manuscript to

Materials Research Bulletin

(Elsevier Publications)

Download English Version:

https://daneshyari.com/en/article/5442241

Download Persian Version:

https://daneshyari.com/article/5442241

Daneshyari.com