

Accepted Manuscript

Title: 9Photo-activated degradation of tartrazine by H₂O₂ as catalyzed by both bare and Fe-doped methyl-imogolite nanotubes

Authors: Elnaz Bahadori, Vincenzo Vaiano, Serena Esposito, Marco Armandi, Diana Sannino, Barbara Bonelli



PII: S0920-5861(17)30527-8
DOI: <http://dx.doi.org/doi:10.1016/j.cattod.2017.08.003>
Reference: CATTOD 10946

To appear in: *Catalysis Today*

Received date: 18-5-2017
Revised date: 22-6-2017
Accepted date: 2-8-2017

Please cite this article as: Elnaz Bahadori, Vincenzo Vaiano, Serena Esposito, Marco Armandi, Diana Sannino, Barbara Bonelli, 9Photo-activated degradation of tartrazine by H₂O₂ as catalyzed by both bare and Fe-doped methyl-imogolite nanotubes, Catalysis Today <http://dx.doi.org/10.1016/j.cattod.2017.08.003>

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.

9Photo-activated degradation of tartrazine by H₂O₂ as catalyzed by both bare and Fe-doped methyl-imogolite nanotubes

Elnaz Bahadori¹, Vincenzo Vaiano², Serena Esposito³, Marco Armandi¹, Diana Sannino^{2,*}, Barbara Bonelli^{1,4,*}

¹*Department of Applied Science and Technology, Politecnico di Torino, Corso Duca degli Abruzzi 24, 10129 Turin (Italy).*

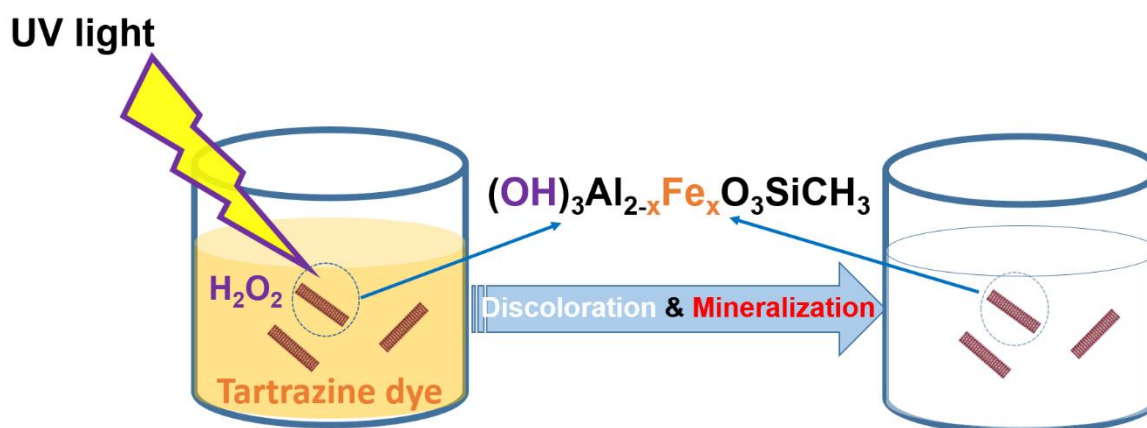
²*Department of Industrial Engineering, University of Salerno, via Giovanni Paolo II, 84084 Fisciano, SA, Italy.*

³*Department of Civil and Mechanical Engineering, Università degli Studi di Cassino e del Lazio Meridionale, Via G. Di Biasio 43, 03043 Cassino, FR, Italy.*

⁴*INSTM Unit of Torino Politecnico, Corso Duca degli Abruzzi 24, 10129 Turin (Italy).*

*corresponding authors: Prof. Diana Sannino (dsannino@unisa.it) and Prof. Barbara Bonelli (barbara.bonelli@polito.it)

Graphical abstract



Download English Version:

<https://daneshyari.com/en/article/6504639>

Download Persian Version:

<https://daneshyari.com/article/6504639>

[Daneshyari.com](https://daneshyari.com)