### Accepted Manuscript

Sonochemical reduction of Cr(VI) in air in the presence of organic additives: what are the involved mechanistic pathways?

Jorge M. Meichtry, Mariel Slodowicz, Lucía Cancelada, Hugo Destaillats, Marta I. Litter

PII: S1350-4177(18)30747-8

DOI: https://doi.org/10.1016/j.ultsonch.2018.05.014

Reference: ULTSON 4172

To appear in: *Ultrasonics Sonochemistry* 

Received Date: 3 January 2018 Revised Date: 11 April 2018 Accepted Date: 15 May 2018



Please cite this article as: J.M. Meichtry, M. Slodowicz, L. Cancelada, H. Destaillats, M.I. Litter, Sonochemical reduction of Cr(VI) in air in the presence of organic additives: what are the involved mechanistic pathways?, *Ultrasonics Sonochemistry* (2018), doi: https://doi.org/10.1016/j.ultsonch.2018.05.014

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**

# Sonochemical reduction of Cr(VI) in air in the presence of organic additives: what are the involved mechanistic pathways?

Jorge M. Meichtry<sup>a,b</sup>, Mariel Slodowicz<sup>a,b</sup>, Lucía Cancelada<sup>a</sup>, Hugo Destaillats<sup>c</sup>, Marta I.

Litter<sup>a,b,d\*</sup>

<sup>a</sup>Gerencia Química, Comisión Nacional de Energía Atómica, Av. Gral. Paz 1499, 1650 San Martín, Prov. de Buenos Aires, Argentina

<sup>b</sup>Consejo Nacional de Investigaciones Científicas y Técnicas, Av. Rivadavia 1917, 1033, Ciudad Autónoma de Buenos Aires, Argentina

<sup>c</sup>Indoor Environment Group, Energy Technologies Area, Lawrence Berkeley National Laboratory, Berkeley, CA, USA

<sup>d</sup>Instituto de Investigación e Ingeniería Ambiental, Universidad Nacional de General San Martín, Campus Miguelete, Av. 25 de Mayo y Francia, 1650 San Martín, Prov. de Buenos Aires, Argentina

1

<sup>\*</sup> Corresponding author. Tel.: +54 11 67727016; fax: +54 11 677278816. E-mail address: marta.litter@gmail.com, litter@cnea.gov.ar (M.I. Litter).

#### Download English Version:

# https://daneshyari.com/en/article/7702107

Download Persian Version:

https://daneshyari.com/article/7702107

<u>Daneshyari.com</u>