

## Accepted Manuscript

The effect of surface functional groups on the performance of graphite powders used as electrodes

Luciana S. Oliveira, Juan F.G. Alba, Valdinete L. Silva, Rogério T. Ribeiro, Eduardo H.L. Falcão, Marcelo Navarro



PII: S1572-6657(18)30276-5  
DOI: doi:[10.1016/j.jelechem.2018.04.022](https://doi.org/10.1016/j.jelechem.2018.04.022)  
Reference: JEAC 4009  
To appear in: *Journal of Electroanalytical Chemistry*  
Received date: 27 December 2017  
Revised date: 11 April 2018  
Accepted date: 12 April 2018

Please cite this article as: Luciana S. Oliveira, Juan F.G. Alba, Valdinete L. Silva, Rogério T. Ribeiro, Eduardo H.L. Falcão, Marcelo Navarro , The effect of surface functional groups on the performance of graphite powders used as electrodes. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. *J. Electroanal. Chem.* (2018), doi:[10.1016/j.jelechem.2018.04.022](https://doi.org/10.1016/j.jelechem.2018.04.022)

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.

**The effect of surface functional groups on the performance of graphite  
powders used as electrodes**

Luciana S. Oliveira<sup>a</sup>, Juan F.G. Alba<sup>b</sup>, Valdinete L. Silva<sup>b</sup>, Rogério T. Ribeiro<sup>a</sup>, Eduardo  
H.L. Falcão<sup>a</sup>, Marcelo Navarro<sup>a,\*<sup>1</sup></sup>

*<sup>a</sup>Departamento de Química Fundamental, CCEN, Universidade Federal de Pernambuco, Av.  
Prof. Luis Freire S/N, 50740-545 Recife, Brazil*

*<sup>b</sup>Departamento de Engenharia Química, CTG, Universidade Federal de Pernambuco, Av. dos  
Economistas 24, 50740-590 Recife, Brazil.*

\*Corresponding author. Tel.: +55 81 21267460; fax: +55 81 21268442.

*E-mail address:* navarro@ufpe.br (M. Navarro)

<sup>1</sup>ISE member

Keywords: graphite powder; cavity cell; surface functional group; electrosynthesis;  
benzyl bromide

Download English Version:

<https://daneshyari.com/en/article/6661751>

Download Persian Version:

<https://daneshyari.com/article/6661751>

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