

# Accepted Manuscript

Short Communication

Polyphenols content of spent coffee grounds subjected to physico-chemical pretreatments influences lignocellulolytic enzymes production by *Bacillus sp* R2

Omar Khelil, Slimane Choubane, Ben Amar Cheba

PII: S0960-8524(16)30415-1

DOI: <http://dx.doi.org/10.1016/j.biortech.2016.03.112>

Reference: BITE 16302

To appear in: *Bioresource Technology*

Received Date: 5 February 2016

Revised Date: 18 March 2016

Accepted Date: 19 March 2016

Please cite this article as: Khelil, O., Choubane, S., Cheba, B.A., Polyphenols content of spent coffee grounds subjected to physico-chemical pretreatments influences lignocellulolytic enzymes production by *Bacillus sp* R2, *Bioresource Technology* (2016), doi: <http://dx.doi.org/10.1016/j.biortech.2016.03.112>

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.



Polyphenols content of spent coffee grounds subjected to physico-chemical pretreatments influences lignocellulolytic enzymes production by *Bacillus sp* R2

**Authors:**

Omar Khelil <sup>a,\*</sup>, Slimane Choubane <sup>a</sup>, Ben Amar Cheba <sup>b</sup>

**Affiliations:**

<sup>a</sup> Laboratory of Plant and Microbial Productions and Valuations, Department of Biotechnology, Faculty of Nature and Life Sciences, University of Sciences and Technology of Oran Mohamed Boudiaf, BP 1505 Al Mnaouar, Oran 31000, Algeria.

<sup>b</sup> Department of Biotechnology, Faculty of Nature and Life Sciences, University of Sciences and Technology of Oran Mohamed Boudiaf, BP 1505 Al Mnaouar, Oran 31000, Algeria.

---

\* **Corresponding author.** Tel: +213-558-109208.

E-mail address: khelil.omar31@gmail.com; khelil.omar@univ-usto.dz (O. Khelil)

Download English Version:

<https://daneshyari.com/en/article/7072057>

Download Persian Version:

<https://daneshyari.com/article/7072057>

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