

Accepted Manuscript

A pressurized liquid extraction approach followed by standard addition method and UPLC-MS/MS for a fast multiclass determination of antibiotics in a complex matrix



Amine Ezzariai, David Riboul, Marlène Z. Lacroix, Maialen Barret, Loubna El Fels, Georges Merlina, Alain Bousquet-Melou, Dominique Patureau, Eric Pinelli, Mohamed Hafidi

PII: S0045-6535(18)31495-4

DOI: 10.1016/j.chemosphere.2018.08.021

Reference: CHEM 21939

To appear in: *Chemosphere*

Received Date: 31 May 2018

Accepted Date: 06 August 2018

Please cite this article as: Amine Ezzariai, David Riboul, Marlène Z. Lacroix, Maialen Barret, Loubna El Fels, Georges Merlina, Alain Bousquet-Melou, Dominique Patureau, Eric Pinelli, Mohamed Hafidi, A pressurized liquid extraction approach followed by standard addition method and UPLC-MS/MS for a fast multiclass determination of antibiotics in a complex matrix, *Chemosphere* (2018), doi: 10.1016/j.chemosphere.2018.08.021

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.

1 **A pressurized liquid extraction approach followed by standard addition method and**
2 **UPLC-MS/MS for a fast multiclass determination of antibiotics in a complex matrix**

3
4 Amine Ezzariai^{a,b}, David Riboul^b, Marlène Z. Lacroix^c, Maialen Barret^b, Loubna El Fels^{a,c},
5 Georges Merlina^b, Alain Bousquet-Melou^d, Dominique Patureau^e, Eric Pinelli^b, Mohamed
6 Hafidi^{a,f*}

7
8
9 *^a Laboratoire Ecologie et Environnement (Unité associée au CNRST, URAC 32), Faculté des Sciences*
10 *Semlalia, Université Cadi Ayyad, BP 2390 Marrakech, Morocco*

11 *^b EcoLab, Laboratoire Ecologie Fonctionnelle et Environnement, Université de Toulouse, CNRS, INPT,*
12 *UPS, Avenue de l'Agrobiopôle, F-31326 Castanet-Tolosan, France*

13 *^c Higher Institute of Nursing Professions and Health Techniques, Marrakech-Safi, Morocco.*

14 *^d INTHERES, Université de Toulouse, INRA, ENVT, Toulouse, France*

15 *^e LBE, Université de Montpellier, INRA Narbonne, France*

16 *^f Agrobiosciences & Fertilizers Program, University Mohammed IV Polytechnic (UM6P) , Benguerir,*
17 *Morocco*

18

19

20

21

22 **Corresponding authors.*

23 *E-mail address: hafidi.ucam@gmail.com*

24

25

26

Download English Version:

<https://daneshyari.com/en/article/8850284>

Download Persian Version:

<https://daneshyari.com/article/8850284>

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