

Accepted Manuscript

Title: Actinobacteria consortium as an efficient biotechnological tool for mixed polluted soil reclamation: Experimental factorial design for bioremediation process optimization

Authors: Juan Daniel Aparicio, Enzo Emanuel Raimondo, Raúl Andrés Gil, Claudia Susana Benimeli, Marta Alejandra Polti

PII: S0304-3894(17)30633-7
DOI: <http://dx.doi.org/10.1016/j.jhazmat.2017.08.041>
Reference: HAZMAT 18806

To appear in: *Journal of Hazardous Materials*

Received date: 23-5-2017
Revised date: 1-8-2017
Accepted date: 14-8-2017

Please cite this article as: Juan Daniel Aparicio, Enzo Emanuel Raimondo, Raúl Andrés Gil, Claudia Susana Benimeli, Marta Alejandra Polti, Actinobacteria consortium as an efficient biotechnological tool for mixed polluted soil reclamation: Experimental factorial design for bioremediation process optimization, *Journal of Hazardous Materials* <http://dx.doi.org/10.1016/j.jhazmat.2017.08.041>

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.



Actinobacteria consortium as an efficient biotechnological tool for mixed polluted soil reclamation: Experimental factorial design for bioremediation process optimization

Juan Daniel Aparicio^{1,2}, Enzo Emanuel Raimondo¹, Raúl Andrés Gil³, Claudia Susana Benimeli^{1,4} and Marta Alejandra Polti^{1,5*}

¹*Planta Piloto de Procesos Industriales Microbiológicos (PROIMI), CONICET. Av. Belgrano y Pasaje Caseros. 4000. Tucumán, Argentina.*

²*Facultad de Bioquímica, Química y Farmacia, Universidad Nacional de Tucumán. Ayacucho 491. 4000. Tucumán, Argentina.*

³*Instituto de Química de San Luis, INQUISAL (UNSL-CONICET), Universidad Nacional de San Luis. Chacabuco y Pedernera. 5700. San Luis, Argentina.*

⁴*Facultad de Ciencias Exactas y Naturales, Universidad Nacional de Catamarca. Av. Belgrano 300. 4700. Catamarca, Argentina.*

⁵*Facultad de Ciencias Naturales e Instituto Miguel Lillo, Universidad Nacional de Tucumán. Miguel Lillo 205. 4000. Tucumán, Argentina.*

***Corresponding author:** Marta Alejandra Polti, PROIMI-CONICET, Av. Belgrano y Pasaje Caseros. 4000. Tucumán, Argentina. Tel: 54-381-4344888. Fax: 54-381-4344887. e-mail: mpolti@proimi.org.ar; marpolti@hotmail.com

Download English Version:

<https://daneshyari.com/en/article/4979098>

Download Persian Version:

<https://daneshyari.com/article/4979098>

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