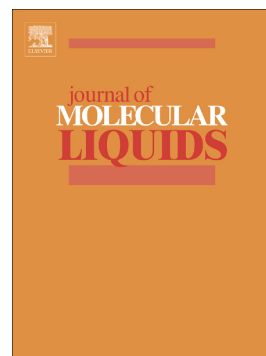


Accepted Manuscript

Optimization of essential oil-based natural disinfectants against *Listeria monocytogenes* and *Escherichia coli* biofilms formed on polypropylene surfaces

Anita Vidács, Erika Kerekes, Róbert Rajkó, Tamás Petkovits, Naiyf S. Alharbi, Jamal M. Khaled, Csaba Vágvolgyi, Judit Krisch



PII: S0167-7322(17)35469-7

DOI: <https://doi.org/10.1016/j.molliq.2018.01.179>

Reference: MOLLIQ 8633

To appear in: *Journal of Molecular Liquids*

Received date: 13 November 2017

Revised date: 29 January 2018

Accepted date: 30 January 2018

Please cite this article as: Anita Vidács, Erika Kerekes, Róbert Rajkó, Tamás Petkovits, Naiyf S. Alharbi, Jamal M. Khaled, Csaba Vágvolgyi, Judit Krisch , Optimization of essential oil-based natural disinfectants against *Listeria monocytogenes* and *Escherichia coli* biofilms formed on polypropylene surfaces. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Molliq(2017), <https://doi.org/10.1016/j.molliq.2018.01.179>

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.

Optimization of essential oil-based natural disinfectants against *Listeria monocytogenes* and
Escherichia coli biofilms formed on polypropylene surfaces

Anita Vidács^{a,c*}, Erika Kerekes^a, Róbert Rajkó^b, Tamás Petkovits^a, Naiyf S. Alharbi^d, Jamal
M. Khaled^d, Csaba Vágvolgyi^{a,d}, Judit Krisch^c

^a Department of Microbiology, Faculty of Science and Informatics, University of Szeged
H-6726 Szeged, Közép fasor 52., Hungary

^b Department of Process Engineering, Faculty of Engineering, University of Szeged
H-6724 Szeged, Moszkvai krt. 9., Hungary

^c Institute of Food Engineering, Faculty of Engineering, University of Szeged
H-6724 Szeged, Mars tér 7., Hungary

^d Department of Botany and Microbiology, College of Science, King Saud University,
Riyadh-11451, Saudi Arabia

*Corresponding author address: 7. Mars tér, H-6724 Szeged, Hungary;

e-mail address: anitavidacs@gmail.com,

phone number: +3662546000.

Download English Version:

<https://daneshyari.com/en/article/7842887>

Download Persian Version:

<https://daneshyari.com/article/7842887>

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