

Accepted Manuscript



Title: Optimization, validation and application of headspace solid-phase microextraction gas chromatography for the determination of 1-nitro-2-phenylethane and methyleugenol from *Aniba canelilla* (H.B.K.) Mez essential oil in skin permeation samples

Authors: Tainá Kreutz, Letícia G. Lucca, Orlando A.R. Loureiro-Paes, Helder F. Teixeira, Valdir F. Veiga Jr., Renata P. Limberger, George G. Ortega, Letícia S. Koester

PII: S0021-9673(18)30724-6

DOI: <https://doi.org/10.1016/j.chroma.2018.05.073>

Reference: CHROMA 359441

To appear in: *Journal of Chromatography A*

Received date: 1-3-2018

Revised date: 25-5-2018

Accepted date: 31-5-2018

Please cite this article as: Tainá Kreutz, Letícia G. Lucca, Orlando A.R. Loureiro-Paes, Helder F. Teixeira, Valdir F. Veiga, Renata P. Limberger, George G. Ortega, Letícia S. Koester, Optimization, validation and application of headspace solid-phase microextraction gas chromatography for the determination of 1-nitro-2-phenylethane and methyleugenol from *Aniba canelilla* (H.B.K.) Mez essential oil in skin permeation samples, *Journal of Chromatography A* <https://doi.org/10.1016/j.chroma.2018.05.073>

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, validation and application of headspace solid-phase
microextraction gas chromatography for the determination of 1-nitro-2-
phenylethane and methyleugenol from *Aniba canelilla* (H.B.K.) Mez essential oil
in skin permeation samples**

Tainá Kreutz ^a, Letícia G. Lucca ^a, Orlando A. R. Loureiro-Paes ^b, Helder F. Teixeira ^a, Valdir F. Veiga Jr. ^b, Renata P. Limberger ^a, George G. Ortega ^a, Letícia S. Koester ^{a,1}

^a Programa de Pós-Graduação em Ciências Farmacêuticas, Faculdade de Farmácia, Universidade Federal do Rio Grande do Sul, Av. Ipiranga, Santana, 2752, Zip code 90610-000, Porto Alegre, Rio Grande do Sul, Brazil

^b Departamento de Química, Instituto de Ciências Exatas, Universidade Federal do Amazonas, Av. Gal. Rodrigo Octávio, Japiim, 6200, Zip code 69079-000, Manaus, Amazonas, Brazil

¹ Corresponding author:

Dr. Letícia Scherer Koester

Programa de Pós-Graduação em Ciências Farmacêuticas

Faculdade de Farmácia

Universidade Federal do Rio Grande do Sul

Av. Ipiranga, Santana, 2752, Porto Alegre, Brazil

Zip code 90610-000

Tel.: +55 51 33085278; Fax: +55 51 33085437.

Email address: leticia.koester@ufrgs.br (L. S. Koester).

Download English Version:

<https://daneshyari.com/en/article/7607621>

Download Persian Version:

<https://daneshyari.com/article/7607621>

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