

Accepted Manuscript

Oral bioaccessibility of toxic and essential elements in raw and cooked commercial seafood species available in European markets

Ricardo N. Alves, Ana L. Maulvault, Vera L. Barbosa, Margarita Fernandez-Tejedor, Alice Tediosi, Michiel Kotterman, Fredericus H.M. van den Heuvel, Johan Robbens, José O. Fernandes, Rie Romme Rasmussen, Jens J. Sloth, António Marques

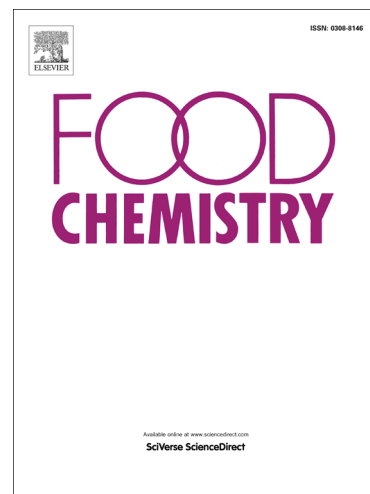
PII: S0308-8146(17)31866-6
DOI: <https://doi.org/10.1016/j.foodchem.2017.11.045>
Reference: FOCH 22022

To appear in: *Food Chemistry*

Received Date: 10 January 2017
Revised Date: 27 October 2017
Accepted Date: 13 November 2017

Please cite this article as: Alves, R.N., Maulvault, A.L., Barbosa, V.L., Fernandez-Tejedor, M., Tediosi, A., Kotterman, M., van den Heuvel, F.H.M., Robbens, J., Fernandes, J.O., Romme Rasmussen, R., Sloth, J.J., Marques, A., Oral bioaccessibility of toxic and essential elements in raw and cooked commercial seafood species available in European markets, *Food Chemistry* (2017), doi: <https://doi.org/10.1016/j.foodchem.2017.11.045>

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.



Oral bioaccessibility of toxic and essential elements in raw and cooked commercial seafood species available in European markets

Ricardo N. Alves^{a*}, Ana L. Maulvault^{a,b,c}, Vera L. Barbosa^a, Margarita Fernandez-Tejedor^d, Alice Tediosi^e, Michiel Kotterman^f, Fredericus H.M. van den Heuvel^g, Johan Robbens^h, José O. Fernandesⁱ, Rie Romme Rasmussen^j, Jens J. Sloth^j, António Marques^{a,b}

^a Division of Aquaculture and Upgrading (DivAV), Portuguese Institute for the Sea and Atmosphere (IPMA, I.P.), Lisbon, Portugal

^b Interdisciplinary Centre of Marine and Environmental Research (CIIMAR), University of Porto, Porto, Portugal

^c MARE – Marine and Environmental Sciences Centre, Faculty of Sciences, University of Lisbon (FCUL), Lisboa, Portugal

^d Marine Monitoring, Institute of Agriculture and Food Research & Technology (IRTA), Sant Carles de la Ràpita, Tarragona, Spain

^e Aeiforia Srl, Gariga di Podenzano (PC), Italy

^f IMARES, Wageningen UR, AB IJmuiden, The Netherlands

^g Hortimare, Projects and Consultancy, J. Duikerweg 12B, 1703 DH Heerhugowaard, The Netherlands

^h Institute for Agricultural and Fisheries Research (ILVO), Merelbeke, Belgium

ⁱ LAQV-REQUIMT, Laboratory of Bromatology and Hydrology, Faculty of Pharmacy, University of Porto, Porto, Portugal

^j National Food Institute, Technical University of Denmark, Søborg, Denmark

*Corresponding author:

Ricardo N. Alves - ricardo.alves@ipma.pt

Division of Aquaculture and Upgrading (DivAV)

Portuguese Institute for the Sea and Atmosphere (IPMA, I.P.), Lisbon, Portugal

e-mail contact:

RN Alves: ricardo.alves@ipma.pt

AL Maulvault: aluisa@ipma.pt

VL Barbosa: vera.barbosa@ipma.pt

M. Fernandez-Tejedor: margarita.fernandez@irta.cat

A. Tediosi: alice.tediosi@aeiforia.eu

M. Kotterman: michiel.kotterman@wur.nl

F. H. M. van den Heuvel: freek.vd.heuvel@hortimare.com

J. Robbens: Johan.Robbens@ilvo.vlaanderen.be

J. O. Fernandes: josefer@ff.up.pt

R. R. Rasmussen: riro@food.dtu.dk

J. J. Sloth: jjsl@food.dtu.dk

A. Marques: amarques@ipma.pt

Download English Version:

<https://daneshyari.com/en/article/7584336>

Download Persian Version:

<https://daneshyari.com/article/7584336>

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