

Accepted Manuscript

Covalent binding of food-derived blue pigment phycocyanobilin to bovine β -lactoglobulin under physiological conditions

Simeon Minic, Mirjana Radomirovic, Nina Savkovic, Milica Radibratovic, Jelena Mihailovic, Tamara Vasovic, Milan Nikolic, Milos Milcic, Dragana Stanic-Vucinic, Tanja Cirkovic Velickovic

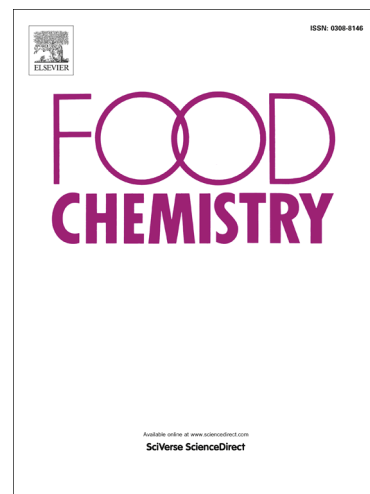
PII: S0308-8146(18)31111-7
DOI: <https://doi.org/10.1016/j.foodchem.2018.06.138>
Reference: FOCH 23099

To appear in: *Food Chemistry*

Received Date: 5 March 2018
Revised Date: 6 June 2018
Accepted Date: 27 June 2018

Please cite this article as: Minic, S., Radomirovic, M., Savkovic, N., Radibratovic, M., Mihailovic, J., Vasovic, T., Nikolic, M., Milcic, M., Stanic-Vucinic, D., Velickovic, T.C., Covalent binding of food-derived blue pigment phycocyanobilin to bovine β -lactoglobulin under physiological conditions, *Food Chemistry* (2018), doi: <https://doi.org/10.1016/j.foodchem.2018.06.138>

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.



Covalent binding of food-derived blue pigment phycocyanobilin to bovine β -lactoglobulin under physiological conditions

Simeon Minic^a, Mirjana Radomirovic^a, Nina Savkovic^a, Milica Radibratovic^{b,c}, Jelena Mihailovic^a, Tamara Vasovic^a, Milan Nikolic^a, Milos Milcic^{c,d*}, Dragana Stanic-Vucinic^a and Tanja Cirkovic Velickovic^{a,c,e*}

^aCenter of Excellence for Molecular Food Sciences & Department of Biochemistry, University of Belgrade - Faculty of Chemistry, Belgrade, Serbia

^bCenter for Chemistry - Institute of Chemistry, Technology and Metallurgy, University of Belgrade, Belgrade, Serbia

^cGhent University Global Campus, Yeonsu-gu, Incheon, South Korea

^dCenter for Computational Chemistry and Bioinformatics & Department of Inorganic Chemistry, University of Belgrade - Faculty of Chemistry, Belgrade, Serbia

^eFaculty of Bioscience Engineering, Ghent University, Ghent, Belgium

*Corresponding authors at Ghent University Global Campus, Yeonsu-gu, Incheon, South Korea and University of Belgrade – Faculty of Chemistry, Belgrade, Serbia:

E-mail address: Tanja.Velickovic@ghent.ac.kr (TCV), tcirkov@chem.bg.ac.rs (TCV); mmilcic@chem.bg.ac.rs (MM).

Download English Version:

<https://daneshyari.com/en/article/7584140>

Download Persian Version:

<https://daneshyari.com/article/7584140>

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