

Accepted Manuscript

Title: Synthetic Food Additive Dye “Tartrazine” Triggers Amorphous Aggregation in Cationic Myoglobin

Authors: Nasser Abdulatif Al-Shabib, Javed Masood Khan, Mohd Shahnawaz Khan, Mohd Sajid Ali, Abdulrahman M. Al-Senaïdy, Mohammad A. Alsenaidy, Fohad Mabood Husain, Hamad A. Al-Lohedan



PII: S0141-8130(16)31979-1
DOI: <http://dx.doi.org/doi:10.1016/j.ijbiomac.2017.01.097>
Reference: BIOMAC 7004

To appear in: *International Journal of Biological Macromolecules*

Received date: 13-10-2016
Revised date: 27-12-2016
Accepted date: 23-1-2017

Please cite this article as: Nasser Abdulatif Al-Shabib, Javed Masood Khan, Mohd Shahnawaz Khan, Mohd Sajid Ali, Abdulrahman M. Al-Senaïdy, Mohammad A. Alsenaidy, Fohad Mabood Husain, Hamad A. Al-Lohedan, Synthetic Food Additive Dye “Tartrazine” Triggers Amorphous Aggregation in Cationic Myoglobin, *International Journal of Biological Macromolecules* <http://dx.doi.org/10.1016/j.ijbiomac.2017.01.097>

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.

Synthetic Food Additive Dye “Tartrazine” Triggers Amorphous Aggregation in Cationic Myoglobin

Nasser Abdulatif Al-Shabib^{1*}, Javed Masood Khan¹, Mohd Shahnawaz Khan², Mohd Sajid Ali³, Abdulrahman M. Al-Senaity², Mohammad A. Alsenaidy⁴, Fohad Mabood Husain¹ and Hamad A. Al-Lohedan³.

1. Department of Food Science and Nutrition, Faculty of Food and Agricultural Sciences, King Saud University, 2460 Riyadh 11451, Saudi Arabia. E-mail: nalshabib@ksu.edu.sa.
2. Protein Research Chair, Department of Biochemistry, College of Science, King Saud University, Riyadh, Saudi Arabia.
3. Surfactant Research Chair, Department of Chemistry, King Saud University, PO Box-2455, Riyadh 11451, Saudi Arabia
4. Department of Pharmaceutics, College of Pharmacy, King Saud University

*** For correspondence:**

Dr. Nasser Abdulatif Al-Shabib
Department of Food Sciences,
College of Food and Agricultural Sciences,
King Saud University Riyadh, KSA
Email nalshabib@ksu.edu.sa and rshabib4@yahoo.com
Tel: +966-0114678794

Download English Version:

<https://daneshyari.com/en/article/5512275>

Download Persian Version:

<https://daneshyari.com/article/5512275>

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