Author's Accepted Manuscript

Detection of melamine in milk powders using nearinfrared hyperspectral imaging combined with regression coefficient of partial least square regression model

Jongguk Lim, Giyoung Kim, Changyeun Mo, Moon S. Kim, Kuanglin Chao, Jianwei Qin, Xiaping Fu, Insuck Baek, Byoung-Kwan Cho



www.elsevier.com/locate/talanta

PII: S0039-9140(16)30034-0

DOI: http://dx.doi.org/10.1016/j.talanta.2016.01.035

Reference: TAL16287

To appear in: Talanta

Received date: 23 October 2015 Revised date: 14 January 2016 Accepted date: 16 January 2016

Cite this article as: Jongguk Lim, Giyoung Kim, Changyeun Mo, Moon S. Kim Kuanglin Chao, Jianwei Qin, Xiaping Fu, Insuck Baek and Byoung-Kwan Chc Detection of melamine in milk powders using near-infrared hyperspectra imaging combined with regression coefficient of partial least square regression model, *Talanta*, http://dx.doi.org/10.1016/j.talanta.2016.01.035

This is a PDF file of an unedited manuscript that has been accepted fo publication. As a service to our customers we are providing this early version o the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable 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

ACCEPTED MANUSCRIPT

Detection of melamine in milk powders using Near-Infrared Hyperspectral imaging combined with regression coefficient of partial least square regression model

Jongguk Lim¹, Giyoung Kim¹, Changyeun Mo¹, Moon S. Kim^{2*}, Kuanglin Chao², Jianwei Qin², Xiaping Fu³, Insuck Baek⁴, and Byoung-Kwan Cho⁴

¹National Institute of Agricultural Science, Rural Development Administration, Jeonju, 54875, Korea

²Environmental Microbial and Food Safety Laboratory, Agricultural Research Service, USDA, 10300 Baltimore Avenue, Beltsville MD 20705 USA

³College of Biosystems Engineering & Food Science, Zhejiang University, Hangzhou, 310029, P.R.China

⁴Department of Bioindustrial Machinery Engineering, Chungnam National University, Daejeon, 34134, Korea

Mention of trade names or commercial products is solely for the purpose of providing specific information and does not imply endorsement or recommendation by the USDA.

Corresponding author:

Moon S. Kim, Environmental Microbial and Food Safety Laboratory, BARC-East, ARS, USDA, 10300 Baltimore Avenue, Beltsville MD 20705 USA, Tel. 301-504-8450, Email. moon.kim@ars.usda.gov

Download English Version:

https://daneshyari.com/en/article/7678176

Download Persian Version:

https://daneshyari.com/article/7678176

<u>Daneshyari.com</u>