

## Accepted Manuscript

Chemical stability and reaction kinetics of two thiamine salts (thiamine mononitrate and thiamine chloride hydrochloride) in solution

Adrienne Voelker, Jenna Miller, Cordelia A. Running, Lynne S. Taylor, Lisa J. Mauer



PII: S0963-9969(18)30503-9  
DOI: doi:[10.1016/j.foodres.2018.06.056](https://doi.org/10.1016/j.foodres.2018.06.056)  
Reference: FRIN 7723  
To appear in: *Food Research International*  
Received date: 28 March 2018  
Revised date: 14 June 2018  
Accepted date: 24 June 2018

Please cite this article as: Adrienne Voelker, Jenna Miller, Cordelia A. Running, Lynne S. Taylor, Lisa J. Mauer , Chemical stability and reaction kinetics of two thiamine salts (thiamine mononitrate and thiamine chloride hydrochloride) in solution. *Food Research International* (2018), doi:[10.1016/j.foodres.2018.06.056](https://doi.org/10.1016/j.foodres.2018.06.056)

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.

**Chemical stability and reaction kinetics of two thiamine salts (thiamine mononitrate and thiamine chloride hydrochloride) in solution**

Adrienne Voelker<sup>1</sup>, Jenna Miller<sup>1</sup>, Cordelia A. Running<sup>2</sup>, Lynne S. Taylor<sup>3</sup>, Lisa J. Mauer<sup>1\*</sup>

<sup>1</sup> Department of Food Science, Purdue University, 745 Agriculture Mall Drive, West Lafayette,

Indiana 47907, United States

Lisa J. Mauer: mauer@purdue.edu

Adrienne Voelker: avoelke@purdue.edu

<sup>2</sup> Department of Nutrition Science, Purdue University, 700 West State Street, West Lafayette,

Indiana 47907, United States

Cordelia A. Running: crunning@purdue.edu

<sup>3</sup> Department of Industrial and Physical Pharmacy, Purdue University, 575 Stadium Mall Drive,

West Lafayette, Indiana 47907, United States

Lynne S. Taylor: lstaylor@purdue.edu

\*Corresponding author: Lisa J. Mauer; Department of Food Science, Purdue University; 745

Agriculture Mall Drive, West Lafayette, Indiana 47907, United States; Email:

mauer@purdue.edu; Phone: 765-494-9111

Download English Version:

<https://daneshyari.com/en/article/8888529>

Download Persian Version:

<https://daneshyari.com/article/8888529>

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