

Accepted Manuscript

Interactions between major chlorogenic acid isomers and chemical changes in coffee brew that affect antioxidant activities

Ningjian Liang, Wei Xue, Pierre Kennepohl, David D. Kitts

PII: S0308-8146(16)30934-7

DOI: <http://dx.doi.org/10.1016/j.foodchem.2016.06.041>

Reference: FOCH 19382

To appear in: *Food Chemistry*

Received Date: 20 April 2016

Revised Date: 9 June 2016

Accepted Date: 14 June 2016

Please cite this article as: Liang, N., Xue, W., Kennepohl, P., Kitts, D.D., Interactions between major chlorogenic acid isomers and chemical changes in coffee brew that affect antioxidant activities, *Food Chemistry* (2016), doi: <http://dx.doi.org/10.1016/j.foodchem.2016.06.041>

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.



**Interactions between major chlorogenic acid isomers and chemical changes in coffee
brew that affect antioxidant activities**

Ningjian Liang^a, Wei Xue^b, Pierre Kennepohl^b, David D. Kitts^{a*}

^a Department of Food, Nutrition, and Health, Faculty of Land and Food Systems,
University of British Columbia, 2205 East Mall, Vancouver, British Columbia, Canada.

^b Department of Chemistry, Faculty of Science, University of British Columbia, 2036
Main Mall, Vancouver, British Columbia, Canada.

* Corresponding author: E-mail: david.kitts@ubc.ca. Tel: +1-604-822-5560. Fax:
+1-604-822-5143.

Download English Version:

<https://daneshyari.com/en/article/7587273>

Download Persian Version:

<https://daneshyari.com/article/7587273>

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