

Accepted Manuscript

Rapid determination of the texture properties of cooked cereals using near-infrared reflectance spectroscopy

Jiaqi Hu, Zheng Wang, Yanwen Wu, Yongguo Liu, Jie Ouyang

PII: S1350-4495(18)30160-9

DOI: <https://doi.org/10.1016/j.infrared.2018.09.023>

Reference: INFPHY 2705

To appear in: *Infrared Physics & Technology*

Received Date: 10 March 2018

Revised Date: 12 September 2018

Accepted Date: 18 September 2018



Please cite this article as: J. Hu, Z. Wang, Y. Wu, Y. Liu, J. Ouyang, Rapid determination of the texture properties of cooked cereals using near-infrared reflectance spectroscopy, *Infrared Physics & Technology* (2018), doi: <https://doi.org/10.1016/j.infrared.2018.09.023>

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.

Rapid determination of the texture properties of cooked cereals using near-infrared reflectance spectroscopy

Jiaqi Hu¹, Zheng Wang², Yanwen Wu³, Yongguo Liu⁴, Jie Ouyang^{1,*}

1. Department of Food Science and Engineering, College of Biological Sciences and
Technology, Beijing Key Laboratory of Forest Food Process and Safety, Beijing
Forestry University, Beijing 100083, China

2. Ecological subject, College of Forestry, Key Laboratory of Forest Cultivation and
Protection of Ministry of Education, Beijing Forestry University, Beijing 100083,
China

3. Beijing Center for Physical and Chemical Analysis, Beijing Food Safety Analysis
and Testing Engineering Research Center, Beijing Academy of Science and
Technology, Beijing 100089, China

4. Beijing Key Laboratory of Flavor Chemistry, Beijing Technology and Business
University, Beijing 100048, China

* Corresponding author.

Tel.: +86 10 62336700; Fax: +86 10 62338221.

E-mail address: ouyangjie@bjfu.edu.cn (J. Ouyang)

Running title: Rapid determination of texture properties of cooked cereals using NIR

Download English Version:

<https://daneshyari.com/en/article/11032088>

Download Persian Version:

<https://daneshyari.com/article/11032088>

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