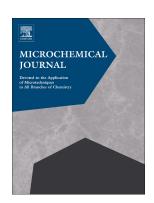
Accepted Manuscript

Concentration determination of inorganic acids that do not absorb near-infrared (NIR) radiation through recognizing perturbed NIR water bands by them and investigation of accuracy dependency on their acidities



Kyeol Chang, Hideyuki Shinzawa, Hoeil Chung

PII: S0026-265X(18)30137-1

DOI: doi:10.1016/j.microc.2018.03.019

Reference: MICROC 3092

To appear in: Microchemical Journal

Received date: 5 February 2018 Accepted date: 9 March 2018

Please cite this article as: Kyeol Chang, Hideyuki Shinzawa, Hoeil Chung, Concentration determination of inorganic acids that do not absorb near-infrared (NIR) radiation through recognizing perturbed NIR water bands by them and investigation of accuracy dependency on their acidities. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Microc(2017), doi:10.1016/j.microc.2018.03.019

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.

ACCEPTED MANUSCRIPT

Concentration determination of inorganic acids that do not absorb nearinfrared (NIR) radiation through recognizing perturbed NIR water bands by them and investigation of accuracy dependency on their acidities

Kyeol Chang^a, Hideyuki Shinzawa^{b,*} and Hoeil Chung^{a,*}

^a Department of Chemistry and Research Institute for Convergence of Basic Sciences, Hanyang University, Haengdang-dong, Seongdong-gu, Seoul 133-791, Republic of Korea.

^b National Institute of Advanced Industrial Science and Technology (AIST), Nagoya, 463-8560, Japan.

^{*} Co-corresponding authors. E-mail: hoeil@hanyang.ac.kr (Hoeil Chung); Fax: +82-2-2299-0762; Tel: +82-2-2220-0937, E-mail: h-shinzawa@aist.go.jp (Hideyuki Shinzawa)

Download English Version:

https://daneshyari.com/en/article/7640928

Download Persian Version:

https://daneshyari.com/article/7640928

<u>Daneshyari.com</u>