

## Accepted Manuscript

Title: Fast simultaneous determination of main components and impurity sodium ion in PAMA injection by mixed-mode chromatography

Authors: Panpan Li, Wei Sun, Limin Zuo, Zhiling Zhu, Ting Zhao, Ran Wang, Minghui Zhu, Xiaoyun Leng, Xiaodan Qiu, Liping Bai, Guangzhi Shan



PII: S0731-7085(18)31207-X  
DOI: <https://doi.org/10.1016/j.jpba.2018.09.005>  
Reference: PBA 12198

To appear in: *Journal of Pharmaceutical and Biomedical Analysis*

Received date: 22-5-2018  
Revised date: 31-8-2018  
Accepted date: 2-9-2018

Please cite this article as: Li P, Sun W, Zuo L, Zhu Z, Zhao T, Wang R, Zhu M, Leng X, Qiu X, Bai L, Shan G, Fast simultaneous determination of main components and impurity sodium ion in PAMA injection by mixed-mode chromatography, *Journal of Pharmaceutical and Biomedical Analysis* (2018), <https://doi.org/10.1016/j.jpba.2018.09.005>

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.

**Fast simultaneous determination of main components and impurity  
sodium ion in PAMA injection by mixed-mode chromatography**

Panpan Li, Wei Sun, Limin Zuo, Zhiling Zhu, Ting Zhao, Ran Wang, Minghui Zhu,  
Xiaoyun Leng, Xiaodan Qiu, Liping Bai, Guangzhi Shan \*

Institute of Medicinal Biotechnology, Peking Union Medical College & Chinese  
Academy of Medical Sciences, 100050, Tian Tan Xi Li No.1, Beijing, China

\*Corresponding author: Guangzhi Shan, Institute of Medicinal Biotechnology, Peking  
Union Medical College & Chinese Academy of Medical Sciences, 100050, Tian Tan  
Xi Li No.1, Beijing, China

Phone: +8601067019851

E-mail addresses: [shanguangzhi@imb.pumc.edu.cn](mailto:shanguangzhi@imb.pumc.edu.cn)

**Graphical abstract**

Download English Version:

<https://daneshyari.com/en/article/10134901>

Download Persian Version:

<https://daneshyari.com/article/10134901>

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