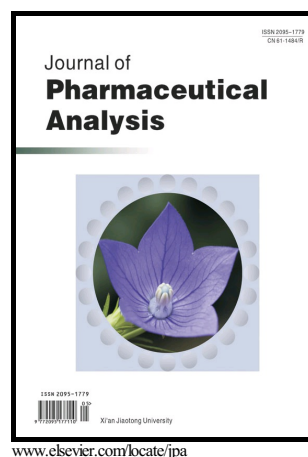


Author's Accepted Manuscript

A chemiluminescence reagent free method for the determination of captopril in medicine and urine samples by using trivalent silver

Zhaofu Fu, Wanting Huang, Gongke Li, Yufei Hu



PII: S2095-1779(17)30064-3
DOI: <http://dx.doi.org/10.1016/j.jpha.2017.05.005>
Reference: JPHA367

To appear in: *Journal of Pharmaceutical Analysis*

Received date: 5 January 2017
Revised date: 14 April 2017
Accepted date: 19 May 2017

Cite this article as: Zhaofu Fu, Wanting Huang, Gongke Li and Yufei Hu, A chemiluminescence reagent free method for the determination of captopril in medicine and urine samples by using trivalent silver, *Journal of Pharmaceutical Analysis*, <http://dx.doi.org/10.1016/j.jpha.2017.05.005>

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 a review of the resulting galley proof before it is published in its final citable 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.

A chemiluminescence reagent free method for the determination of captopril in medicine and urine samples by using trivalent silver

Zhaofu Fu¹, Wanting Huang¹, Gongke Li^{*}, Yufei Hu^{*}

School of Chemistry, Sun Yat-sen University, Guangzhou 510275, China

E-mail: cesgkl@mail.sysu.edu.cn

huyufei@mail.sysu.edu.cn

* Corresponding Authors: Gongke Li, Yufei Hu. Tel. : +86-20-84110922; Fax : +86-20-84115107

Abstract

A novel flow-injection chemiluminescence method free of chemiluminescence reagent was developed for the determination of captopril based on its enhancing effect on the chemiluminescence derived from diperiodatoargentate(III)-sulfuric acid system.

¹ Zhaofu Fu and Wanting Huang contributed equally to this work.

Download English Version:

<https://daneshyari.com/en/article/8521216>

Download Persian Version:

<https://daneshyari.com/article/8521216>

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