

Accepted Manuscript

¹H-NMR based metabolite profiling for optimizing the ethanol extraction of *Poria cocos*

Junsang Oh, Deok Hyo Yoon, Chanjung Lee, HyungKyoon Choi, Gi-Ho Sung

PII: S1319-562X(18)30089-5
DOI: <https://doi.org/10.1016/j.sjbs.2018.04.007>
Reference: SJBS 1167

To appear in: *Saudi Journal of Biological Sciences*

Received Date: 22 February 2018
Revised Date: 2 April 2018
Accepted Date: 4 April 2018

Please cite this article as: J. Oh, D. Hyo Yoon, C. Lee, H. Choi, G-H. Sung, ¹H-NMR based metabolite profiling for optimizing the ethanol extraction of *Poria cocos*, *Saudi Journal of Biological Sciences* (2018), doi: <https://doi.org/10.1016/j.sjbs.2018.04.007>

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.



**¹H-NMR based metabolite profiling for optimizing the ethanol extraction of
*Poria cocos***

Short Title: Metabolite profiling of *Poria cocos*

Junsang Oh^{1,2}, Deok Hyo Yoon¹, Chanjung Lee³, HyungKyoon Choi^{2,*}, Gi-Ho Sung^{1,4,*}

¹*Institute for Healthcare and Life Science, International St. Mary's Hospital and College of Medicine, Catholic Kwandong University, Incheon 22711, Korea.*

²*College of Pharmacy, Chung-Ang University, Korea*

³*Mushroom Research Division, National Institute of Horticultural and Herbal Science, Rural Development Administration, Korea*

⁴*Department of Microbiology, College of Medicine, Catholic Kwandong University, Korea*

*Corresponding authors:

G.-H. Sung; E-mail address: sung97330@gmail.com, sung97330abcd@gmail.com

H.-K. Choi; E-mail address: hykychoi@cau.ac.kr

Abstract

Metabolite profiling of *Poria cocos* (family: Polyporaceae, *P. cocos*) had been much advancement in recent days, and its analysis by nuclear magnetic resonance (NMR) spectroscopy has become well established. However, the highly important trait of *P. cocos* still needs advanced protocols despite some standardization. Partial least squares discriminant

Download English Version:

<https://daneshyari.com/en/article/8959277>

Download Persian Version:

<https://daneshyari.com/article/8959277>

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