

# Accepted Manuscript

Extraction of phenolic compounds with antioxidant potential from coconut (*Cocos nucifera* L.) testa and identification of phenolic acids and flavonoids using UPLC coupled with TQD-MS/MS

M. Arivalagan, T.K. Roy, A.M. Yasmeen, K.C. Pavithra, P.N. Jwala, K.S. Shivasankara, M.R. Manikantan, K.B. Hebbar, S.R. Kanade

PII: S0023-6438(18)30153-1

DOI: [10.1016/j.lwt.2018.02.024](https://doi.org/10.1016/j.lwt.2018.02.024)

Reference: YFSTL 6879

To appear in: *LWT - Food Science and Technology*

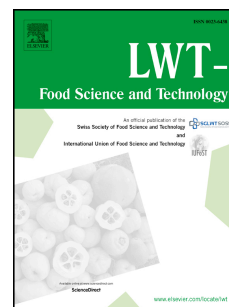
Received Date: 1 November 2017

Revised Date: 8 February 2018

Accepted Date: 10 February 2018

Please cite this article as: Arivalagan, M., Roy, T.K., Yasmeen, A.M., Pavithra, K.C., Jwala, P.N., Shivasankara, K.S., Manikantan, M.R., Hebbar, K.B., Kanade, S.R., Extraction of phenolic compounds with antioxidant potential from coconut (*Cocos nucifera* L.) testa and identification of phenolic acids and flavonoids using UPLC coupled with TQD-MS/MS, *LWT - Food Science and Technology* (2018), doi: [10.1016/j.lwt.2018.02.024](https://doi.org/10.1016/j.lwt.2018.02.024).

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.



**Extraction of phenolic compounds with antioxidant potential from coconut (*Cocos nucifera* L.) testa and identification of phenolic acids and flavonoids using UPLC coupled with TQD-MS/MS**

**Arivalagan, M<sup>1,3,\*</sup>, Roy, T.K<sup>2</sup>, Yasmeen, A.M<sup>1</sup>, Pavithra, K.C<sup>2</sup>, Jwala, P.N<sup>1</sup>, Shivasankara, K.S<sup>2</sup>, Manikantan, M.R., Hebbar, K.B<sup>1</sup>, and Kanade, S.R<sup>3,\*</sup>.**

<sup>1</sup>Physiology, Biochemistry and Post-Harvest Technology Division, ICAR-Central Plantation Crops Research Institute (CPCRI), Kasaragod – 671 124, Kerala, India

<sup>2</sup>Physiology and Biochemistry Division, ICAR-Indian Institute of Horticultural Research (IIHR), Bengaluru – 560 089, Karnataka, India.

<sup>3</sup>Department of Biochemistry & Molecular Biology, Central University of Kerala, Padannakad (Transit campus) - 671 314, Kerala, India

\*Corresponding authors. Tel.: +91-4994-232893; fax: +91-4994-232322.

E. mail address: [arivalagan2100@gmail.com](mailto:arivalagan2100@gmail.com) (Arivalagan M)

[grksantosh@gmail.com](mailto:grksantosh@gmail.com) (Kanade SR) +91 8277529624

Download English Version:

<https://daneshyari.com/en/article/8891215>

Download Persian Version:

<https://daneshyari.com/article/8891215>

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