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Paper 7

Catechin Extracted from *Uncaria gambier* Roxb for Nanocatechin Production: Physical and Chemical Properties

Received: 23 May 2021
Accepted: 13 August 2021





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kepada a.fudholi, gusttriyeni, saya, alfi_asben, anwa, yefsimalrianti ▾

14 Jul 2021, 16

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Dear author,

We have reached a decision regarding your submission to International Journal of Design & Nature and Ecodynamics, "Catechin extracted from Uncaria gambier production: physical and chemical properties".

Our decision is: Revisions Required

1. Revise the current paper according to reviewers' comments. **Highlight any change** or track changes you make. **Response to reviewers is also required.**
2. Typeset your final paper according to the attached template.

Please return your revised manuscript and the response to reviewers to this e-mail before **23 JULY 2021**. Thanks for your cooperation.

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Decision on your revised paper submitted to IJDNE > Kotak Masuk x



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Acceptance Letter

International Journal of Design & Nature and Ecodynamics

13 August 2021

Anwar Kasim

Faculty of Agricultural Technology,
Andalas University, Padang 25163,
West Sumatra, Indonesia

Dear Yefsi Malrianti, Anwar Kasim, Alfi Asben, Edi Syafri, Gustri Yeni, Ahmad Fudholi,

MS: Catechin Extracted from Uncaria gambier Roxb for Nanocatechin Production: Physical and Chemical Properties

I am pleased to inform you that as per the recommendation of the editorial board, your above-mentioned manuscript has been accepted for publication in International Journal of Design & Nature and Ecodynamics (ISSN 1755-7437).

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Catechin Extracted from *Uncaria gambier Roxb* for Nanocatechin Production: Physical and Chemical Properties



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ABSTRACT

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nanomaterials, nanocatechin, antioxidant activity

This research reports nanoparticles or nanocatechin produced from catechin extracted from gambier and the differences between the properties of the extracted catechin and nanocatechin. The study began with the preparation of >95% pure catechin through successive extraction. The catechin obtained was converted to nanocatechin with a high-speed homogenizer on a 1% suspension of catechin in water at 12,000 rpm for 30, 45, 60, 75 or 90 minutes. Results showed average diameters of the nanocatechin 90-minute homogenized colloids were then dried with a spray dryer as physical and chemical

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Dear author,

We have sent you several emails, but have not yet received your response. If you still do not reply to us before December 6, 2021, we will default you to withdraw the manuscript.

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