



March 25, 2021

Faculty of Agricultural & Food Sciences

University of Manitoba
Food and Human Nutritional Sciences,
406 Human Ecology Bldg.,
Winnipeg, MB, Canada
R3T 2N2

Phone: 204-474-8078
Michael.Eskin@umanitoba.ca

Object: Submission of the Revised Manuscript for Publication in the
Journal of American Oil Chemists Society

Professor James. A. Kenar
Editor-in-Chief
Journal of American Oil Chemists Society

Dear Professor Knorr,

We would like to submit the revised paper titled “Attenuation of Sinapic Acid and Sinapine-Derived Flavor-Active Compounds Using A Factorial-Based Pressurized High-Temperature Processing” by R. Nandasiri, E. Zago, U. Thiyam-Holländer, and N. A. M. Eskin for consideration for publication in the Journal of American Oil Chemists Society.

This article presents the results of a study on the valorization of canola meal via identification of flavor-active phenolic compounds, as a main-stream ingredient especially sinapates, canolol, thomasidiac acid and kaempferol derivatives. Impact of high temperature and pressure processing on extraction of these compounds from canola meal emphasizing the extraction efficiency is discussed in detailed. Furthermore, the structure function relationship of these flavor-active phenolic compounds was evaluated.

We have addressed all the reviewers’ comments and made modifications accordingly to the original manuscript and all the major changes to the manuscript is highlighted in red color as requested by the editor. Moreover, the scope of the manuscript was changed to determining the optimum extractability of the flavor-active phenolic compounds.

We believe that with the necessary modifications this manuscript fits within the scope of Journal of American Oil Chemists Society and is appropriate for the publication and has not been submitted to any other journal. We have no conflicts of interest to disclose.

Thank you for your consideration.

Sincerely,

Prof. N.A. Michael Eskin C.M. Ph.D. FIFST FAOCS FCIFST FIFST
Department of Food and Human Nutritional Sciences
Faculty of Agricultural and Food Sciences
University of Manitoba,
Winnipeg, MB R3T 2N2
CANADA