

## Opinion on the doctoral thesis

Name and surname:	Vikendra Dabash, MSc
Study program:	P2901 / Chemistry and food technology
Topic:	The effect of enzyme addition on the rheological characteristics of the gluten-free dough and bread
Supervisor:	Doc. RNDr. Iva Burešová, Ph.D.
Department FT:	Department of food technology

Mr. Vikendra Dabash's research work is focused on possible improvements to the quality of gluten-free dough and bread. A part of his studies was performed at Fulda University of Applied Sciences, Germany, where he spent 3 months through the Erasmus+ program. Traineeship resulted in the manuscript published in the Czech Journal of Food Sciences. He participated in 4 IGA projects of specific university research.

The dissertation thesis is focused on the effect of the addition of an alpha-amylase enzyme on rheological characteristics of rice dough and rice bread quality. The student performed his research on the rice types that have not been extensively tested yet, i.e., red rice, black rice and sticky rice. Rice flours with different particle sizes were also involved in this study. New findings obtained during the research have been summarized in 2 papers tagged as "article" and published in journals registered in the Web of Science; Mr. Vikendra Dabash was listed as the first author of one of the articles. Mr. Dabash is also the co-author of one article published in journal registered in the Scopus database and the co-author of one article published in a peer-reviewed journal. The student made great progress during his studies. He has learned how to search for relevant literature sources, how to design and perform research and laboratory work and how to describe the obtained results. The text of the doctoral thesis is a result of several months' intensive work. The text, figures and tables have been modified many times. The student did his best to prepare this version of the doctoral thesis. I am sure this version is the best that can be expected. The text of the thesis was checked for potential plagiarism and was found to not contain any. I recommend the acceptance of this version of the dissertation thesis and its sending to the reviewers for their

comments and opinions. Following their recommendation, the final defense of the doctoral thesis may take place.

Zlín 2. 2. 2022

  
Iva Burešová