

# DEVELOPMENT OF NEW METHODS OF FOOD ANALYSIS IN THE FRAME OF METROFOOD-RI – INFRASTRUCTURE FOR PROMOTING METROLOGY IN FOOD AND NUTRITION

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## Summary

METROFOOD-RI – Infrastructure for Promoting Metrology in Food and Nutrition - is a pan-European Research Infrastructure as a network of 18 European Countries aimed to promote metrology in food and nutrition. Two Macedonian Institutions: Institute of Public Health and Faculty of Agricultural Sciences and Food recognised as Institutions dealing with food quality and safety are involved in this Infrastructure. METROFOOD-RI mission is to enhance quality and reliability of measurement results, development of new methodology of food analysis that will reduce the costs of monitoring and increase the possibilities for the control of food quality. The enforcement of the Metrological Infrastructure and the improvement of Quality of Chemical Measurements will significantly benefit the Society in the whole. For the Citizens the systems for tracking the food from producer to consumer, monitoring of environmental conditions, and the system for determining the geographical origin of food will provide a comprehensive system that will fulfil buyer's wishes and needs. During the early stage Pro-metrofood grant agreement n°. 739568 (H2020 INFRADEV-02-2016), method development for fatty acids analysis and their determination in the rice flour was performed by the Beneficiary - Institute of Public Health. Now METROFOOD - Preparatory Phase (PP) is on-going project that has received funding from the European Union's Horizon 2020 under grant agreement 871083.

*Key words: METROFOOD-RI, METROFOOD-PP, food analysis*