

## **16. PHYSICAL-CHEMICAL PARAMETERS FOR TESTING DIETARY PRODUCTS IN PUBLIC HEALTH INSTITUTE – NIŠ (2014-2018)**

Ćirić Jelena<sup>1</sup>, Jović J.<sup>2</sup>

<sup>1</sup>Public Health Institute, Niš, Serbia

<sup>2</sup>University of Pristina – Kosovska Mitrovica, Faculty of Medicine, Kosovska Mitrovica, Serbia

**Objectives:** Testings as a part of checking physical-chemical parameters of dietary products are conducted on request of Border Sanitary Inspection, Republic Sanitary Inspection for the Nišava and Toplica District or producers. The aim was to look at dietary products health quality based on physical-chemical criteria.

**Methods:** Results of samples' analyses on physical-chemical quality of dietary products for the period 2014-2018 are presented in the paper. All samples were analyzed in the Public Health Institute, Niš, using accredited methods, and based on the appropriate Rulebook.

**Results:** For the period 2014-2018, 1337 samples were analyzed in total on the physical-chemical quality. In total, 9 samples were incorrect. Physical-chemical testings include toxicological metal presence analysis and inspection of declaration content and validity. The application for the entry into the Ministry of Health of Republic of Serbia database implies: expert opinion, categorization and approved text of the declaration from the Faculty of Pharmacy in Belgrade or Novi Sad. Great help with control dietary products at import control certainly provide publically available data of the European food safety authority (EFSA).

**Conclusion:** In five-year period, many samples were analyzed, aiming at the great importance of this laboratory existence.

**Keywords:** dietary products, physical-chemical parameters