

CONTENTS OF THE VOLUME 48, 2010

No. 1

- 1–9 **Effect of some environmental factors on autolysis of lactococci used for cheese production**
Kozáková, D. – Solichová, K. – Ondráčková, I. – Šviráková, E. – Plocková, M.
- 10–13 **Virulence factors in *Escherichia coli* isolated from chicken meat in Slovakia**
Drugdová, Z. – Kmeť, V. – Bujňáková, D.
- 14–20 **Inhibitory effects of aqueous extract of two varieties of ginger on some key enzymes linked to type-2 diabetes in vitro**
Obloh, G. – Akinyemi, A. J. – Ademiluyi, A. O. – Adefegha, S. A.
- 21–29 **Release of nisin from polyvinylidene chloride lacquer coated on a polyethylene film**
Hanušová, K. – Klaudisová, K. – Milatová, E. – Šviráková, E. – Dobíáš, J. – Voldřich, M. – Koza, V. – Marek, M.
- 30–36 **Effect of solid-state fermentation on properties of jackfruit seed powder**
Kee, K. T. – Saw, H. Y.
- 37–44 **Utilization of *B. cereus* and *B. subtilis* strains in plate diffusion methods for the detection of tetracycline residues in milk**
Navrátilová, P. – Vyhnálková, J. – Jeřábková, J. – Janštová, B. – Dračková, M. – Borkovcová, I. – Vorlová, L.
- 45–52 **Quantification of ovine and bovine caseins in Slovakian bryndza ewes' cheese by iso-electric focusing**
Suhaj, M. – Stankovská, M. – Kolek, E.
- 53–56 Instructions for authors

No. 2

- 57–68 **Single laboratory-validated HPLC methods for determination of ochratoxin A, fumonisin B1 and B2, zearalenone and deoxynivalenol in cereals and cereal-based foods**
Belajová, E. – Rauová, D.
- 69–77 **The effect of salts on acrylamide and 5-hydroxymethylfurfural formation in glucose-asparagine model solutions and biscuits**
Quarta, B. – Anese, M.
- 78–84 **Rapid detection of *Escherichia coli* O157:H7 in food using enrichment and real-time polymerase chain reaction**
Piskerník, S. – Klančík, A. – Toplak, N. – Kovač, M. – Jeršek, B.
- 85–88 **Eradication of *Listeria* from water suspensions using octadecylammonium derivatives of montmorillonite**
Jesenák, K. – Šalamunová, L. – Kuchta, T.
- 89–93 **Natural occurrence of deoxynivalenol in kernels of wheat grown in Slovakia during 2004–2008**
Šudyová, V. – Šliková, S. – Gregová, E.
- 94–103 **Assessment of some European goats' cheeses by multivariate elemental data comparison**
Koreňovská, M. – Suhaj, M.
- 104–111 **Catechin stability, antioxidant properties and sensory profiles of rye breads fortified with green tea extracts**
Bajerska, J. – Mildner-Szkudlarz, S. – Jeszka, J. – Szwengiel, A.
- 112 Book reviews

No. 3

- 113–122 **Physicochemical composition of the yellow passion fruit pericarp fractions and respective pectic substances**
Canteri, M. H. – Scheer, A. – Petkowicz, C. – Ginies, Ch. – Renard, C. – Wosiacki, G.
- 123–133 **Quality and antioxidant properties of yellow layer cake containing Korean turmeric (*Curcuma longa* L.) powder**
Lim, H. S. – Ghafoor, K. – Park, S. H. – Hwang, S. Y. – Park, J.
- 134–139 **Polymerase chain reaction – restriction fragment length polymorphism (PCR-RFLP) as a molecular discrimination tool for raw and heat-treated game and domestic animal meats**
Bieliková, M. – Pangallo, D. – Turňa, J.
- 140–148 **Formulation and baking process affect Maillard reaction development and antioxidant capacity of ginger cakes**
Zieliński, H. – Amigo-Benavent, M. – Del Castillo, M. D. – Horszwald, A. – Zielińska, D.
- 149–159 **Evaluation of antioxidant capacity and formation of processing contaminants during rye bread making**
Horszwald, A. – Morales, F. J. – Del Castillo, M. D. – Zieliński, H.
- 160–164 **A method for the detection of *Cryptosporidium parvum* in apple juice based on microfiltration and real-time polymerase chain reaction**
Minarovičová, J. – Kaclíková, E. – Kuchta, T.
- 165–168 **Factors affecting the rate of benzo[a]pyrene decomposition in non-polar system – a model study**
Sklářšová, B. – Bednářiková, A. – Kolek, E. – Šimko, P.

No. 4

- 169–177 **Fatty acid composition of summer and winter cows' milk and butter**
Blaško, J. – Kubinec, R. – Górová, R. – Fábry, I. – Lorenz, W. – Soják, L.
- 178–185 **The use of mineral and trace elements profiles for cows' and goats' cheese species prediction**
Suhaj, M. – Koreňovská, M.
- 186–194 **Inconsistent terminology in food safety field: a permanent risk factor?**
Ambrožič, M. – Jevšnik, M. – Raspor, P.
- 195–205 **Phenolic acid profile and antioxidant capacity of hazelnut (*Corylus avellana* L.) kernels in different solvent systems**
Ghirardello, D. – Prosperini, S. – Zeppa, G. – Gerbi, V.
- 206–214 **Control of *Listeria monocytogenes* by bacteriocin-producing *Pediococcus acidilactici* 13 and its antimicrobial substance in a dry fermented sausage sucuk and in turkey breast**
Cosansu, S. – Geornaras, I. – Ayhan, K. – Sofos, J. N.
- 215–220 **Characterization of *Staphylococcus aureus* strains isolated from food produced in Slovakia and Slovenia with regard to the presence of genes encoding for enterotoxins**
Trnčíková, T. – Piskernik, S. – Kaclíková, E. – Smole Možina, S. – Kuchta, T. – Jeršek, B.
- 221–225 **Physically modified starch preparations in gels and in dough – rheological properties**
Wronkowska, M. – Autio, K. – Soral-Šmietana, M.
- 226–227 Contents of the volume 49, 2010
- 228 Author index 2010
- 229–230 Keyword index 2010
- 230 Reviewers 2010