

Packaging spectrum

BLOK NAUKOWY PRZYGOTOWANY WE WSPÓŁPRACY
Z COBRO – INSTYTUTEM BADAWCZYM OPAKOWAŃ



RESEARCH AND CERTIFICATION

Katarzyna SAMSONOWSKA, Małgorzata PAWLICKA, Agnieszka KWIECIEŃ,
COBRO – Packaging Research Institute

NON INTENTIONALLY ADDED SUBSTANCES (NIAS). RISK ASSESSMENT. PART 2

NIAS – Non-intentionally added substances are chemicals present in:

- food contact materials (FCM),
- food contact articles (FCA)

but have not been added during the production process for technical reasons.

Chemical analysis of non-intentionally added substances is serious analytical challenge. Presently available analytical techniques cannot detect all of substances.

Detected non-intentionally added substances compounds should be considered as a subject of toxicological evaluation with known toxicology methods.



The thematic scope of articles published in Packaging Spectrum includes the following sections: Materials and Packaging, Research and Certification, Technologies, Machines and Equipment, Logistics, Management and Marketing, Sozology and Law, Economics and the Market. We cordially invite you to cooperation and publication. Please contact editorial assistant Joanna Kuzincow, redakcja@cobro.org.pl



RETAIL PACKAGING TESTING

- **Physical and mechanical tests**

Contact: M. Sc., Eng. Jacek Frydrych, Tel.: +4822 8422011 int.32, e-mail: frydrychj@cobro.org.pl;

- **Chemical and sensory tests**

Contact: M. Sc., Eng. Katarzyna Samsonowska, Tel.: +4822 8422011 int.27, e-mail: lab_opak_jedn@cobro.org.pl;
PhD, Eng. Monika Kaczmarczyk, tel.: +4822 8422011 int. 42, e-mail: kaczmarczyk@cobro.org.pl

- **Examination of packaging provided with closures making it difficult for children to open**

Contact: M. Sc., Eng. Małgorzata Pawlicka, tel.: +4822 8422011 int. 55, e-mail: lab_opak_jedn@cobro.org.pl,
PhD, Eng. Monika Kaczmarczyk, tel.: +4822 8422011 int. 42, e-mail: kaczmarczyk@cobro.org.pl

TRANSPORT PACKAGING TESTING

- **UN certification testing**

- **B certification testing**

- **Expertise testing**

Contact: M.Sc. Eng. Andrzej Milewski, tel.: +4822 8422011 int.30,
e-mail: milewski@cobro.org.pl

CERTIFICATION

CERTIFICATION FOR AC 016 ACCREDITATION

- **Certification for UN**

- **Re-processing**

- **Certification of packaging protected against opening by a child**

Contact: M.Sc. Eng. Andrzej Milewski, tel.: +4822 8422011 int.30, e-mail: milewski@cobro.org.pl

CERTIFICATION OUTSIDE THE SCOPE OF ACCREDITATION

- **Certification for B**

- **Certification of compliance with the requirements of standards**

- **Certification of products suitable for composting**

Contact: Packaging and Environment Department, tel. 22 842 20 11 int.39, e-mail: eko@cobro.org.pl

- **Certification of the content of renewable raw materials**

Contact: MA Grzegorz Ganczewski, tel. (22) 842 20 11 int. 58 fax (22) 842 23 03, e-mail: ganczewski@cobro.org.pl

ECOLOGY

- **Assessment of conformity with the requirements of the packaging**

- **LCA (Life Cycle Assessment)**

- **Calculation of greenhouse gas emissions (carbon footprint)**

- **Initial assessment of compostability**

- **Certification of the content of renewable raw materials**

- **Color measurement test**

- **COBRO recommendation: recovery organizations**

Contact: Packaging and Environment Department, tel. 22 842 20 11 int.39, e-mail: eko@cobro.org.pl