



IDF PRESS RELEASE

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Publication of New Joint ISO | IDF Standard for Chloride Content in Infant Formula

A new ISO 21422 | IDF 242 publication titled *Milk, milk products, infant formula and adult nutritionals – Determination of chloride – Potentiometric titration method* has been published. This standard specifies a method for determining chloride in infant formula and milk and milk products.

The publication was jointly developed by the IDF, ISO technical subcommittee ISO/TC 34/SC 5 *Milk and milk product* (ISO) and is published separately by the independent standards developing organization, AOAC INTERNATIONAL. The aim of the collaboration is to develop a series of standards to verify the product safety and accuracy in the labelling of ingredients.

Infant formula is one of the most highly regulated foodstuffs in the world and the production of infant formula must adhere to tough regulations before it can arrive at supermarket shelves. Nutritional labelling is heavily regulated, often requiring compliance with the international reference known as Codex Alimentarius or the Food Code.

Codex Alimentarius is the Joint Food Standards Programme established by the UN Food and Agriculture Organization (FAO) and the World Health Organization (WHO). It develops harmonized international food standards to protect consumer health and promote fair practices in the food trade.

IDF, in cooperation with a number of other international standardization organizations, is developing a series of international standards with validated methods of analysis for infant formula designed to offer a means to verify these components and to demonstrate compliance with Codex standards.

Most of these standards have recently been adopted by Codex Alimentarius as reference and for dispute resolution methods.

One recent publication is the ISO 24122 | IDF 242, jointly published by the ISO and the IDF as a result of close collaboration between ISO, IDF and AOAC INTERNATIONAL.

The experts involved included those from industry, regulatory bodies, commercial laboratories and academia, demonstrating that a truly harmonized standard can be used to meet labelling regulations around the world.

Other standards in the series currently in development include:

- ISO 21424 | IDF 243 *Milk, milk products, infant formula and adult nutritionals – Determination of minerals and trace elements – Inductively coupled plasma mass spectrometry (ICP-MS) method;* and
- ISO 15151 | IDF 229 *Milk, milk products, infant formula and adult nutritionals – Determination of minerals and trace elements – Inductively coupled plasma atomic emission spectrometry (ICP-AES method)*

These standards are part of a wide range of other international standards for verifying the contents of infant formula, including that for fatty acid composition (ISO 16958 | IDF 231); total iodine (ISO 20647 | IDF 234); vitamin A and E (ISO 20633); vitamin B₁₂ (ISO 20634); vitamin C (ISO 20635); vitamin D (ISO 20636); inositol (ISO 20637); nucleotides (ISO 20638); and pantothenic acid (ISO 20639).

The ISO 21422 | IDF 242 is available from the IDF catalogue at <https://store.fil-idf.org> and from IDF National Committees.

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Media contact

Geraldine Goh

Communications Director

Tel: +32 2 325 67 53

E-mail: ggoh@fil-idf.org

International Dairy Federation

The International Dairy Federation is the leading source of scientific and technical expertise for all stakeholders of the dairy chain since 1903. IDF engages all stakeholders in productive activities and research projects to further current knowledge and science on a wide range of issues. Today, dairy is one of the most vibrant and strategic sectors, with a major impact on national economies, public health and the environment. Through its working bodies, events and work programme, IDF provides a common platform, systems and processes for the global dairy sector to come together to reach consensus. Given its consensus-building capacity, IDF represents the global voice of dairy towards stakeholders and intergovernmental organisations. For more information, please visit www.fil-idf.org.

International Dairy Federation

70/B Boulevard Auguste Reyers
1030 Brussels - Belgium
info@fil-idf.org
www.fil-idf.org

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