

Straightforward analysis of infant formula by ion chromatography

Free white paper presents applications for carbohydrates, micronutrients, and contaminant analysis

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Metrohm is pleased to present a free white paper that gives an overview how manufacturers and QC labs can use ion chromatography (IC) to determine numerous carbohydrates, micronutrients, and contaminants in infant and follow-on formulas – fully automatically and at lower costs than competing methods. [Learn more from our free white paper.](#)

The quality and integrity of infant formula is strongly regulated by national and international standards. Among the preferred analytical methods mentioned by Codex Alimentarius (CXS 234-1999), ion chromatography (IC) stands out for its robustness, ease of use, and capability to determine multiple parameters with a single analysis. The present white paper gives a comprehensive overview of the following topics and applications of ion chromatography:

- Ion chromatography: how it is applied for QC of infant and follow-on formulas
- Current regulations, norms, and standards
- Analysis of carbohydrates (mono- and disaccharides, oligosaccharides: GOS, FOS, and fructans)
- Analysis of micronutrients and other specifications (minerals, vitamins, vitamin-like components)
- Analysis of contaminants (melamine, nitrite, nitrate, ...)



Ion chromatography is a robust, easy to use multiparameter method that helps manufacturers and QC labs to quantify carbohydrates, micronutrients, and contaminants in infant and follow-on formulas.

Weblink: news.metrohm.com

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About Metrohm

Metrohm is one of the world's most trusted manufacturers of high-precision instruments for laboratory and process analysis. The company was founded in 1943 by engineer Bertold Suhner in Herisau, Switzerland, where it is headquartered to this day. Metrohm offers a comprehensive portfolio of analytical technologies ranging from titration and ion chromatography to near-infrared and Raman spectroscopy, as well as several other techniques. Metrohm sells its products and provides services through its own local subsidiaries and exclusive distributors in more than 120 countries worldwide. Our mission in a nutshell is helping customers from virtually every industry analyze and maintain the quality of their products at every stage in the manufacturing process and beyond. Since 1982, Metrohm has been owned 100% by the non-profit Metrohm Foundation. This foundation keeps to its purpose to support charitable, philanthropic, and cultural projects in eastern Switzerland and, above all, ensure the independence of the company.

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