

Know what's inside.



GBA GROUP



Baby Food – The Highest Standards in Food Safety

From day one, a healthy diet is important for the physical and mental development of an infant. Baby food, infant formula, and complementary infant food are designed for an especially sensitive group of consumers who require extra protection. European products, especially those "Made in Germany," have earned an excellent reputation worldwide. High-quality products with the ideal combination of nutrients, whether based on cow milk or other milk, non-dairy, lactose-free, or hypoallergenic. In this market segment, nothing is lacking.

From the legal perspective, these products are strictly regulated. Pesticide residues are barely permitted at all, and contaminants are only permitted at levels that constantly make it more and more difficult to find raw materials that meet the requirements. However, regulations have also been passed for the composition of the products, and these are more detailed and stricter than for any other kind of food product.

Since the demands are high and the ingredients for baby food are quite diverse – including meat, cereals, fruit, and vegetables – these products require very comprehensive and specific methodological and laboratory expertise, which then also has to be updated constantly.

Our analysis covers everything from the ingredients to the residues, from the vitamins to the packaging contaminants, and of course, we provide the maximum scope of analysis at the highest quality and with the lowest limits of quantification. With our long-term experience, we provide you with comprehensive, expert consulting, so that you can gain the assurance you need in order to put your products on the market.

The GBA Group offers product-specific analyses throughout the entire spectrum in this field, so that you can ensure the quality and safety of your baby food products. Our experts at GBA will gladly provide you with assistance and consulting on how to develop the appropriate testing or monitoring plans.



GBA GROUP Analysis of Baby Food – The Highest Standards in Food Safety

GBA Laboratory Analysis

(Excerpts of our service portfolio)

Nutrients and Ingredients

- Vitamins
- Minerals and trace elements (Iodine, Selenium, Iron, etc.)
- Amino acids
- Nutritional value analysis (e. g. Big 7, including fiber)
- Additives

Residue and Contaminant Analysis

- Pesticides
- Mycotoxins
- Tropane alkaloids
- Nitrate
- Heavy metals
- Melamine
- Mineral oil residues (MOSH / MOAH)
- Veterinary drugs
- Processing contaminants (PAHs, 3-MCPD, Acrylamide)
- Dioxins, PCBs

Microbiological Analyses and Hygiene

- Conventional and automated culture methods
- Express methods (PCR / ELISA)
- Cronobacter sakazakii
- Indicator microbes
- Pathogenic microbes and their toxins
- Microscopic examination
- Serological confirmation and identification
- Inhibitor tests
- Sterility tests

Further Analyses

- Allergens
- GMOs
- Animal species identification
- Authenticity testing

Your Benefits

Service

- Consulting on issues regarding food law
- Your own individual GBA contact person
- Full project support from the sampling to the analytical report
- Express analysis
- Customized IT solutions

Expertise

- Employees with long-term experience
- Specialized technical expertise
- Locations with individual specializations
- Fast and smooth order-processing

Quality

- DIN EN ISO/IEC 17025:2005 accredited
- Continual and successful participation in inter-laboratory proficiency tests
- Cooperation in standards committees, DIN working groups
- Member of numerous trade associations



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