

# Baby Food

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**Highest product safety for the sustainable trust of your customers**

Infants and young children are very demanding, highly sensitive and vulnerable consumers. To meet their needs, the **entire production chain** is the focus of **quality assurance**. The seamless analysis and tracking of raw materials from origin to storage, the individual processing steps to packaging, requires fine-meshed quality concepts and highly sensitive analytical methods.

As an **accredited testing laboratory**, we support manufacturers and retail chains with **comprehensive services** for product innovations, the **legally compliant marketing** of their products and their **quality assurance** measures..

Examples from our **portfolio**:

### LABELLING AND NUTRITIONAL VALUES

- Complete package nutrient analysis
- Vitamins and minerals
- Multi-methods for fat- and water-soluble vitamins and minerals
- Labelling expertise for national and international labelling

### FOOD SCIENCE CENTER

Ad-hoc analyses in addition to routine

- Consumer complaints/ foreign object analysis
- Step-by-step plan to minimise contamination along the value chain

### IMPORTANT ADDITIONAL ANALYSES

- 3-MCPD
- Heavy metals
- Mineral oil, MOSH/MOAH
- Acrylamides
- Plasticisers
- Pesticides
- Microbiological tests
- Pyrrolizidine alkaloids, tropane alkaloids

### PRODUCTION PROCESS

- Process validation
- Concepts for the optimisation of production processes

Matrices: including infant formula milk and follow-on milk, cereal-based and other complementary foods, teas and juices

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Ask us for an offer **tailored to your needs.**

## Our services at a glance:

### Analyses baby food

#### Chemical parameters

- Basic characteristics Nutritional value, including
  - Sugar
  - Carbohydrates
  - Fatty acids Vitamine
- Minerals
- Additives
- Other parameters, including
  - Glucose syrup
  - Carnitine, L
  - taurine
  - Amino acid spectrum
- Allergens
- Pesticide residues
- Contaminants, e.g.
  - Dioxins/PCBs
  - 3-MCPD
  - Acrylamide
  - Furans and metabolites
  - Mycotoxins
  - Heavy metals
  - Polycyclic aromatic hydrocarbons
  - Pyrrolizidine alkaloids, tropane alkaloids
  - Plasticisers
  - MOSH/MOAH
  - GMOs
- **Special expertise**
  - Product labeling
  - Packaging

#### Rush service for selected parameters

- Fat- or water-soluble vitamins
- Elements
- 3-MCPD
- MOSH/MOAH

- MOSH/MOAH
- 3-MCPD
- Furan

#### Microbiological parameters

- Salmonella
- L. monocytogenes
- Total bacterial count
- Enterobacteriaceae
- Presumptive Bacillus cereus
- Lactic acid bacteria
- E. coli
- Coagulase-pos. Staphylococci
- Moulds
- Spore-formers
- Inhibitor test

#### Sensory

#### Electronic transmission of result

- Interface
- Data platform

#### Methods

Official test procedures and methods developed and validated in-house by our research and development de

#### Laboratory approvals

- Accredited inspection body, DIN EN ISO/IEC 17020
- Accredited testing laboratory, DIN EN ISO/IEC 17025
- MOSH/MOAH recognised European reference laboratory