

Cereals and Cereal Products



Grain Analytics in Focus – Low in Residues. Allergen Assessed. Quality Assured.

Grain is a key staple food worldwide and is processed in many different ways. From raw grain to the finished product, residue testing, microbiological analysis, and allergen management are essential to comply with legal requirements and ensure product safety. Increasing demands such as gluten-free processing or verification of origin require a well-designed testing system along the entire value chain.

Your Challenge – Our Solution

- Residue and contaminant analysis for plant protection products, mycotoxins, heavy metals, and MOSH/MOAH
- Testing for gluten and other potential allergens in accordance with the EU Food Information Regulation (LMIV)
- Microbiological assurance of raw materials and finished products
- Specific analyses for requirements related to cereal-based baby food
- Specific analytical concepts and marketability assessments for bread, muesli, flours, cereals, and ready-to-eat products

Your Added Value with the GBA Group

- Accredited methods for all common grain types and processing stages
- Validated testing procedures to ensure labeling compliance and meet export requirements
- Expert consulting in the development of testing plans and allergen labeling
- Support in crisis management, limit exceedances, and product recalls
- Extensive expertise in handling complex matrix systems

Build product safety on a solid foundation. Get in touch with our experts today.



Worldwide
laboratory network
and service



Strategic
partnerships &
personal contact



Scientific & technical
know-how



since 1989



Bundesverband
Naturkost Naturwaren e.V.

GBA Laboratory Analysis

(Excerpts of our service portfolio)

Residue and Contaminant Analysis

- Pesticides
- Pesticides (acc. to DiätV)
- Chlormequat/Mepiquat
- Glyphosate
- Glufosinate
- Phenoxyalkanecarboxylic acids (hydrolysis)
- Ethylene oxide
- Mycotoxins (e.g. Aflatoxins, Ochratoxin A, DON, ZEA)
- Ergot alkaloids (ergol alkaloids)
- Heavy metals (e.g. lead, cadmium, mercury)
- Polycyclic aromatic hydrocarbons (PAHs)
- Acrylamide
- Furan
- 3-MCPD and ester
- MOSH/MOAH
- Pyrrolizidine alkaloids
- Tropane alkaloids

Further Analyses

- Nutritional value analysis (Big 7 including fiber analysis)
- Starch
- Vitamins and minerals
- Allergens
- Detection of genetically modified organisms (GMOs)
- Moisture, protein, ash
- Impurity analysis (e.g. foreign grain content)

Microbiological Testing

- Microbiology according to DGHM
- E.g. total plate count, yeast, molds, E. coli, salmonellae, Bacillus cereus

Legal Classification and Assessment

- Consultation on product-specific scope of analysis
- Declaration check for prepacked products and layouts
- Evaluation of analytical results in terms of food law

Your Benefits

Service*

- Consulting on issues regarding food law*
- Your personal GBA contact person*
- Full project support from the sampling to the analytical report*
- Express analysis*
- Global sampling*
- Customized IT solutions*
- GBA Group Quality Seal*

Expertise

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

Quality

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

*Not included in the accredited scope of accreditation according to DIN EN ISO/IEC 17025.

For more information regarding our GBA Group sites, please follow the QR Code:

