

Know what's inside.



Check out our global service and network!

## Food Analysis at the Highest Level

- Residue analysis
- Contaminant analysis
- Microbiological tests
- Product-specific analysis
- Nutritional value analysis
- Additive analysis



GBA Group is an international life science service company with a broad range of analytical, logistical and specialist services in the fields of pharmaceuticals, medical products, cosmetics, chemicals, food, drinking water and the environmental sustainability.

The range of services offered by the GBA Group includes laboratory analytics, data management, special logistical services for clinical trials, as well as consulting services for private companies and public institutions in connection with their activities in the fields of research, product development, market development, and consumer protection.

### Your Benefit:

Combining the highest analytical quality standards with personal consulting from one primary contact at GBA, you gain the assurance you need when trading your products while benefiting from high-quality consulting and very fast order fulfillment.



▲ GBA GROUP FOOD Locations



GBA GROUP Food Analysis at the Highest Level

## GBA Group Food – Range of Services

### Services

- Risk and crisis management (e.g. monitoring, reporting obligation)
- Efficient data management via interfaces
- Sampling and audits, also abroad, e.g. in Turkey

### Product Groups

- Tea
- Herbs/Spices
- Fruit /Vegetables
- Cereals/Cereal products
- Dried fruit & nuts
- Dietary supplements
- Baby food
- Confectionery
- Fine foods
- Fish
- Meat
- Dairy
- Other products



### CONTACT GBA GROUP FOOD:

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### Residues and Contaminants

#### Pesticides

- Multimethod
- Polar multimethod
- Pesticides (dietary regulation)
- Perchlorate/Chlorate
- Quaternary ammonium compounds
- Chlormequat/Mepiquat
- Dithiocarbamate
- Ethephon
- Ethylene oxide
- Fosetyl-Al, Phosphorous acid
- Glyphosate/AMPA
- Paraquat/Diquat
- Phenoxyalkanecarboxylic acids

#### Veterinary Pharmaceuticals

- Chloramphenicol
- Nitrofurans
- Tetracyclines
- Sulfonamides
- Macrolides
- Malachite green, Crystal violet

#### Contaminants

- Acrylamide
- MOSH/MOAH
- PAHs
- Pyrrolizidine alkaloids
- Tropane alkaloids
- Ergot alkaloids
- Veterinary drugs
- Solvents
- Nicotine
- Melamine and Cyanuric acid
- 3-MCPD and ester
- Plasticizers
- Furans
- Dioxins
- Heavy metals

#### Mycotoxins

- Aflatoxins (B1; B2; G1; G2)
- Aflatoxin M1
- Ochratoxin A
- Deoxynivalenol (DON)
- Fumonisin (B1; B2)
- Fusarenone X
- T-2 / HT-2 Toxins
- Zearalenone (ZEA)
- Patulin
- Sterigmatocystin

### Nutritional Value Analysis

- Big 7
- Dietary fiber
- Vitamins (all common)
- Amino acids
- Minerals and trace elements
- Fatty acid spectrum

### Microbiology

- Classic and automated culture method
- Quick methods (PCR/ELISA)
- Shelf-life studies
- German Drinking Water Ordinance
- Challenge tests

### Molecular Biology

- Allergens (using ELISA or PCR)
- GMOs, triple screening
- Detection of animal materials
- Animal species differentiation

### Additives

- Organic acids
- Fruit acids
- Food colorants
- Food preservatives
- Nitrate/Nitrite
- Phosphates
- Sweeteners
- Cyclamate
- Sugar alcohols

### Further Analyses

- Caffeine and Theobromine
- Irradiation
- Coumarin
- Radioactivity
- TVB-N
- Migration
- Iodine number
- Peroxide value
- Saponification number
- Acid value
- Viscosity
- Composition of essential oils
- Piperine
- Karl Fischer titration