

Analysis of Coffee and Tea



Analytics for Coffee and Tea – Safe. Residue-Free. Reliable.

Aromatic, complex, globally traded! Tea and coffee are among the most popular beverages worldwide. At the same time, they are sensitive to origin, cultivation conditions, and processing. This makes targeted analytics all the more important to ensure quality, detect residues, and verify authenticity.

Your Challenge – Our Solution

- Raw materials often come from regions with intensive agriculture and varying standards
- Residues from pesticides, process contaminants such as acrylamide or furan, as well as heavy metals and mycotoxins, can compromise product safety
- Quality deviations caused by supply chain issues or blending require precise testing strategies
- The GBA Group provides matrix-specific analytics for black tea, green tea, herbal teas, raw coffee, and finished products

Your Added Value with the GBA Group

- Tailored analytical solutions for tea and coffee, from residue testing to quality parameters
- Comprehensive laboratory network with state-of-the-art analytics and industry-experienced consulting*
- Fast and reliable results for safe trade decisions
- High expertise in handling complex matrices and regulatory requirements

Ensure the quality of your products. Get in touch with our



Worldwide
laboratory network
and service



Strategic
partnerships &
personal contact



Scientific & technical
know-how



Bundesverband
Naturkost Naturwaren e.V.



GBA Laboratory Analysis

(Excerpts of our service portfolio)

Residue and Contaminant Analysis

- Pesticides
- Phenoxyalkanecarboxylic acids
- Glyphosate
- Mycotoxins (e.g. Aflatoxins, Ochratoxin A)
- Heavy metals (e.g. lead, cadmium, mercury, copper, aluminum, nickel)
- Chlorate/Perchlorate
- Pyrrolizidine alkaloids and tropane alkaloids
- Acrylamide
- Furan
- Nicotine
- MOSH/MOAH
- PFAS

Contents

- Polyphenols
- Essential oils

Mikrobiological Testing

- Microbiology in accordance with EHIA / ETC
- E.g. total plate count, yeast, mold, E. coli, salmonellae

Analyses Specific to Guiding Principles

- Ash / acid-insoluble ash
- Essential oils
- Dry mass
- Coffeine
- Water extraction

Legal Classification and Assessment

- Consultation on product-specific scope of analysis
- Declaration check for packaging
- Legal evaluation of analytical results

Your Benefits

Service*

- Consulting on issues regarding food law*
- Your personal GBA contact person*
- Full project support from the sampling to the analytical report*
- Global sampling*
- Express analysis*
- 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:

