

Know what's inside.



GBA GROUP

Analyses of Coffee and Teas



Coffee and tea are among the most consumed food products in the world.

Today, an annually amount of more than 50,800 tons of tea are brought into Germany from China, India, Sri Lanka or Kenya, entering through Bremen and Hamburg. Half of it is processed here and subsequently exported again to other countries.

Coffee comes from the agricultural regions in Central America, South America, Africa and Asia. On average, about 1.2 million tons are imported and processed in Germany each year.

From the distant regions where tea and coffee is farmed, all the way to the processing, a wide variety of factors can influence the quality of your product. Microbial impurities, mycotoxins resulting from fungal infestation, or cross-contamination in various production steps could all potentially cause disruptions in processing and delivery.

The GBA Group offers you competent consulting and a wide variety of product-specific analyses, so you can maintain the level of safety required for trading your products.





GBA GROUP Analyses of Coffee and Teas

GBA Laboratory Analysis

(Excerpts of our service portfolio)

Residue and Contaminant Analyses

- Pesticides
- Mycotoxins (e.g. aflatoxins, ochratoxin A)
- Heavy metals (e.g. lead, cadmium, mercury)
- Polycyclic aromatic hydrocarbons [PAHs]
- Pyrrolizidine alkaloids
- Acrylamide
- Furan
- Nicotine

Contents

- Polyphenols
- Essential oils

Microbiological Analyses

- e.g. according to EHIA/ETC
- Total plate count, yeasts, molds, E. coli, salmonella

Guideline-Specific Analyses

- Ash / acid-insoluble ash
- Dry matter
- Caffeine
- Water essence

Classifications and appraisals according to food laws

- Support on product-specific scopes of analysis
- Assessment according to pesticide regulations
- Evaluation of limit values
- Review of package labelling (declaration) and migration tests
- Valuation of analytical results

Your Advantages

Services

- Advice on food law issues
- Individual customer service representatives
- Support from sampling to reporting of results
- Express analyses
- Customized IT solutions for data transfer

Expertise

- Long-term experience
- Profound technical knowledge
- Location-based analytical competencies
- Fast and smooth order processing

Quality

- Accreditation acc. to DIN EN ISO/IEC 17025:2005
- Continual and successful participation in inter-laboratory proficiency testing
- Participation in standard committees and DIN working groups
- Numerous memberships in professional associations



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