



**INSTITUT  
FRESENIUS**

**RANGE OF SERVICES**

**BREWERIES**

**SGS**

# RANGE OF SERVICES FOR BREWERIES

In breweries, quality assurance is one of the most important requirements. After all, beer is regarded as one of the purest and most original forms of food. We help you guarantee the quality parameters that you demand.

## Our range of services

- Analytical services in the areas of raw material, beer, soft drinks, process materials, packaging, wastewater, air pollution and waste
- Chemical-technological and microbiological routine analysis
  - According to MEBAK, EBC, LMBG, TrinkwV, MTV and DIN EN, DIN EN ISO
  - Further analysis with IC, GC, HPLC, AAS, ICP-MS and PCR techniques
  - Stage controls and monitoring programmes
  - Sampling and 24h service
- Special analytics
  - Sensorial effects
  - Surface analysis using REM/EDX und TOF-SIMS
  - Screening and individual substance detection in residues: nitrosamines, pesticides, mycotoxins, heavy metals
  - Packaging material (PET, glass, lids, etc.)
- Toxicological expert opinions
- Comparative evaluation of analytical data (database)
- Consulting and Engineering
  - Neutral support in planning, specification and acceptance of systems
  - Checking plant concepts and supplier assessments
  - Turnkey consultancy
- UP\*Sourcing
  - Development of quality assurance concepts
  - Outsourcing of special quality assurance measures
  - Laboratory operator models
- Auditing and certification according to international standards (ISO, IFS)
- INSTITUT FRESENIUS Quality Seal



## Brewery-specific analysis parameters

### Chemical-technical

- Unmalted grain
- Malt and special malt
- Malt extract
- Grist and remains
- Yeast
- Hops and hop products
- Water
- Wort
- Beer
- Light beer and coloured beer
- Soft drinks
- Filter material and stabilizing agents
- Process materials
- Boiler feed water
- Wastewater
- Brewing room analysis

### Microbiological

- Yeast
- Water
- Wort
- Beer
- Coloured beer
- Soft drinks and their raw materials



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