



**INSTITUT
FRESENIUS**

BEVERAGES

CONSUMER TESTING SERVICES

SGS

TRUST YOUR STRENGTHS.

OUR STRENGTH IS QUALITY ASSURANCE IN THE BEVERAGE INDUSTRY!

Increasingly complex demands are being placed on the production of beverages. Dynamically changing consumer needs, legislative dictates, growing cost and competitive pressure necessitate forward-looking product development and high-level, flexible, efficient quality assurance.



The SGS INSTITUT FRESENIUS

Concept

We offer you a comprehensive service portfolio from a single source: from concept development, planning and consulting services, sampling logistics, analysis to troubleshooting. Our expertise and years of experience make us a full-service provider for the entire beverage industry

- Mineral water, spring water, table water
- Medicinal water
- Soft drinks
- Fruit juices
- Functional drinks
- Wellness drinks
- Mixed milk drinks
- Beer and mixed beer drinks

Your advantages

- Reliable products
- Efficient quality assurance
- Cost savings
- One-stop service
- Individual troubleshooting
- Leadership
- Trustworthy consumer approach
- Recognized by authorities
- International network

Our customers

- Beverage producers
- Supplier industry
- Plant manufacturers
- Raw materials suppliers
- Wholesalers and retailers
- Trade associations
- Authorities
- Consultants



Bottled Water

Water is a product that is subject to extreme standards of purity; a purity that must be proven. To demonstrate this, we offer you support in the form of innovative analytical methods and a comprehensive service and consultancy portfolio for the following products

- Mineral water
- Spring water
- Table water
- Medicinal water

By maintaining national and international legal requirements and meeting the needs of business and consumers, we accomplish a wide range of tasks - from well development to treatment and bottling, to consumer acceptance.



Soft drinks & fruit juices

The beverage product range is continuously growing. Traditional product boundaries are falling away, and special knowledge and interdisciplinary solutions in quality assurance are demanded. We use innovative analytical detection methods to satisfy the growing demands of the beverage industry.

- Soft drinks
- Fruit juices
- Functional drinks
- Wellness drinks
- Mixed milk drinks



PARTNER IN THE BE

Project management

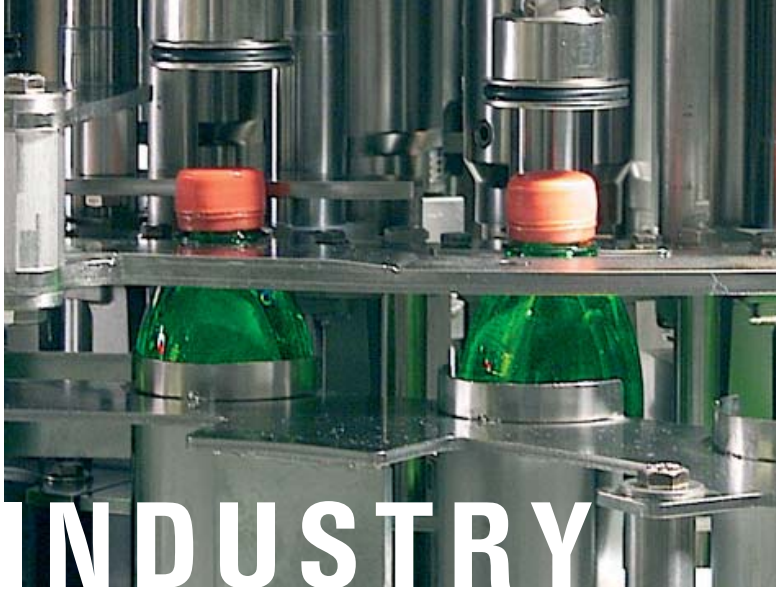
- Concept consultancy
- Creation of specifications
- Support in the approval process
- Engineering
- Due diligence
- Training

Raw materials

- Analysis & Sampling
- Well development
- Raw materials monitoring
- Supplier evaluation
- Technology consultancy

Plants

- Neutral plant acceptance
- Specification review
- Hygienic design / aseptic
- Arbitration
- Material testing
- Training



INDUSTRY

Beer & mixed beer drinks

Beer is one of the purest beverages, and is highly sensitive. For

- Beer and
- Mixed beer drinks

to reach the customer at peak quality, you need high-quality raw materials, refined plant technology and extensive product controls. To ensure this in a permanent changing market a steady stream of new cooperative solutions is required.

Supplier industry

Given the variety in the beverage industry, the supplier industry for

- Production and bottling plants
- Packaging
- Water treatment
- Materials and additives
- Raw materials and auxiliary materials

is exposed to shorter product cycles and the increasing pressure to innovate. The early incorporation of quality considerations at the forefront of product development and planning ensures flexibility and increases the competitive edge.

AVERAGE INDUSTRY

Production

- Process control
- Analysis & Sampling
- Technology consultancy / training
- Laboratory management solutions / Outsourcing
- Auditing and QM consultancy
- Environmental analysis
- Pest control

Bottling

- Process control
- Analysis & Sampling
- Conformity test
- Packaging material test / sensoric test
- Environmental analysis
- Troubleshooting

Trade

- Declaration and conformity test
- Error and damage analysis
- INSTITUT FRESENIUS Quality Seal
- Supplier audit
- Inspection services and store check

OUR SERVICES

Analysis & Sampling

- In accordance with AIJN, DIN, DIN EN, DIN EN ISO, EPA, EU, FDA, IFU, LMBG, MEBAK, MTV, RSK, TrinkwV, WHO, etc.
- Process control and monitoring programs
- Raw materials, auxiliary materials and ingredients
- Materials (by REM/EDX and TOF-SIMS)
- Waste, air pollution, waste water
- Microbiological: classical methods, PCR techniques
- Chemical / physical: various technical solutions using different enrichment, measuring and detection methods

Packaging material testing

- Testing in accordance with BVO, DIN, DIN EN, DIN EN ISO, EU directives, LMBG, MEBAK, STLB and machinery specifications
- Material testing by weathering
- Storage, eluate, migration and sensoric tests
- Screening and individual residue detection
- Comparative evaluation of analytical data (fingerprint database)

Assessment & Consulting Services

- Production facility evaluation
- Supplier evaluation
- Process engineering and bottling techniques
- HACCP approach and auditing
- Hygienic design / aseptic systems
- Risk and resource management
- Nutritional physiology and toxicology
- Well development and reconstruction
- Permit and approval procedures, use permits
- Neutral evaluation (arbitration)
- Due diligence
- Marketability
- Inspection and store check
- Auditing and Certification due to international standards (ISO, IFS)

Training

- HACCP, LMHV
- EBWA, IBWA
- Quality management
- Job safety
- Environmental protection

Engineering

- Neutral support in planning and specification of plants
- Evaluation of plant designs
- Domestic and foreign permitting procedures
- Plant acceptance control
- Turnkey consulting

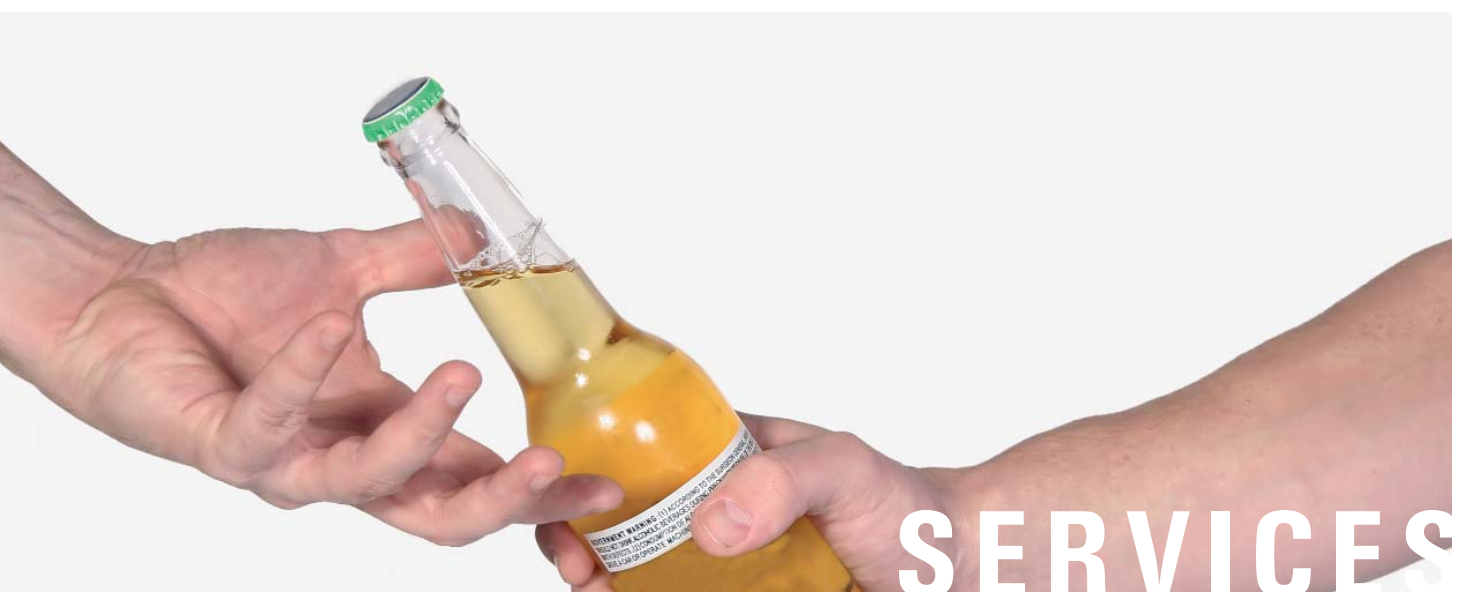
UP*Sourcing

Services

As quality specialists, we have nearly all possibilities at our disposal to optimally support your production and logistics processes - from consultancy to long-term assumption of operative responsibility of your quality assurance tasks.

Your benefits

Reduce costs by outsourcing tasks that are not part of your core business. Increase in efficiency from optimized personnel and capital employment and benefit from SGS's years of international experience.



SERVICES



QUALITY

Customers look for reliability and quality when they shop. If there is no way of differentiating products by their quality, the resulting price competition will painfully affect the margins, hence rendering an active sales policy with attractive margins is nearly impossible.

Renowned brand manufacturers and retailers therefore have taken a different approach. And they have been successful! Join them today and tell your products apart from the others on the market by distinguishing them with the INSTITUT FRESENIUS Quality Seal! The influence of seals of quality on buying decisions is evident: SGS INSTITUT FRESENIUS offers you as the manufacturer and / or retailer a crucial advantage: two out of three customers trust the 30 years of tradition that our seal stands for and award the SGS INSTITUT FRESENIUS to have "years of experience in quality control".

More than 60 percent of the customers confirm that the INSTITUT FRESENIUS Quality Seal stands for competence, credibility and establishes a feeling of trust in the respective product. Use this 'advance in trust' today! Get a head start on your competitors by providing your customers with a visible and credible proof of quality that hands them a strong argument / reason to make a conscious decision for your product.

And do not worry about those feared bargain hunters: even for them quality is one of the most important criteria when it comes to making buying decisions: More than 50 percent of those price-sensitive customers will prefer a more valuable quality product when offered clear product advantages.

Don't miss out! Use this advantage today!



SGS INSTITUT FRESENIUS GmbH

Im Maisel 14

D-65232 Taunusstein

t +49 6128 744 - 242

f +49 6128 744 - 9906

beverages@institut-fresenius.de

www.institut-fresenius.de

The SGS logo, consisting of the letters 'SGS' in a bold, sans-serif font, with a vertical line to the right and a horizontal line below.