



ACCURACY



QUALITY



EFFICIENCY

ANIMAL FEED

# MAKING THE DIFFERENCE

SAFEGUARDING QUALITY AND SAFETY IN ANIMAL FEEDS: BUILDING REPUTATIONS AND SUSTAINABLE BUSINESSES

SGS

Consumers demand safe food. They have been scared by reports of dioxins in free-range eggs and chicken breasts, antibiotics in turkey legs and BSE in beef, and they are using their economic power to punish companies that fail to protect them.

The source of contaminants can often be traced back to animal feed. Regaining public confidence requires animal feed companies to take the initiative. By introducing intensive, routine checks on raw materials and end products they can demonstrate the quality and safety of their products. The right approach will reduce risk, build trust and improve market share.

SGS offers services adapted to meet the needs of every stage of production – from raw material to finished feed.



### WHY YOU NEED TESTING

All feed companies need to be able to answer these questions:

- Does the feed contain all the nutrients, vitamins and trace elements required for healthy growth?
- Is the feed free of undesirable substances and pathogens?
- Does the feed contain any GMO?

Routine testing of feed quality can answer these questions.

### LABORATORY SERVICES

From basic chemical testing to complex composition and contamination analysis our high-tech laboratories utilise the latest testing methods to monitor safety and quality in animal feeds. Our scientists can verify the nutritional value of your feed products in terms of fats, proteins, starch and micronutrients (vitamins and minerals). We also offer DNA analysis, including PCR and NGS (Next Generation Sequencing) screening for GMO testing and many other parameters. Our technicians can help you identify a wide range of contaminants and additives, including natural contaminants like mycotoxins, contamination that can occur during processing (PAHs/dioxins, acrylamide, trans fatty acids) and other potential dangers, like pesticides residues and antibiotics.

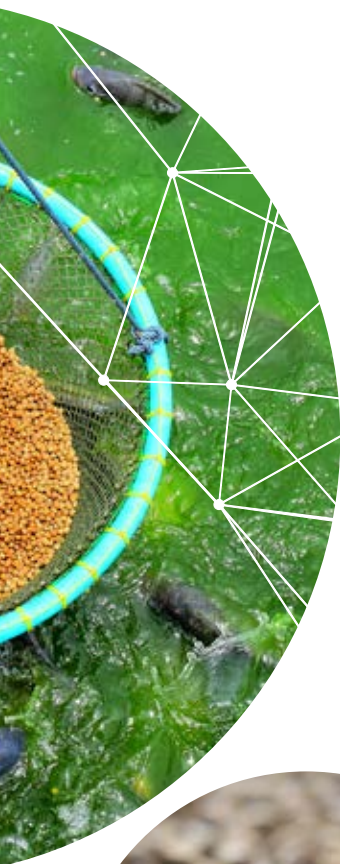
We work on most feed types, including feeds for livestock and cattle, aquaculture and fish, chicken and poultry, deer, horse, organic poultry, and pet food.

We offer testing for:

- Amino acids
- Ash
- Minerals elements
- Chlorides/salt
- Carbohydrates
- Calories
- Drugs and antibiotics
- Fatty acid profile
- Fibre
- Moisture
- Microscopic analysis
- Melamine
- Protein
- Pepsin digestibility
- Sugar
- Starch
- TDN, total digestible nutrients calculations
- Vitamins
- Energy indicators
- Contaminants and harmful substances (mycotoxins, heavy metals, pesticides residues, dioxins, PCBs, etc.)
- GMO
- Fumigants (methyl bromide, hydrogen, phosphine)
- Radioactivity (Caesium 134 and 137)
- All Species ID

Many of our laboratories hold accreditation and approval against a range of schemes, including ISO 17025, GAFTA, FOSFA, QS and GMP+.





## INSPECTION SERVICES

We provide a comprehensive range of services for supervision and inspection and can fulfil the requirements of international contracts handled under GAFTA, FOSFA and INCOGRAINS agreements. Our experts can undertake:

- Sampling
- Cleanliness inspections and logistical checks
- Weight inspection
- Field checks on product quality
- Rapid on-site analysis
- Interventions during production and transportation to prevent cross-contamination
- Auditing of raw material transportation, storage and production conditions, in accordance with QUALIMAT, CSA, EFISC-GTP, GMP+FSA and other standards
- Fumigation and pest control of infested goods during storage and transportation

Working with our inspection teams will help reduce the possibility of contaminated, inferior or imitation products being introduced into your supply chain.

## CERTIFICATION SERVICES

We work with producers, traders, storage facilities all over the world, providing certification and auditing services to assure quality, safety and sustainability of their produce against globally recognised certification schemes.

## TECHNOLOGY & INNOVATION

Innovation is at the heart of our business. New technologies deliver knowledge, insight, transparency and efficiency for our customers.

**Transparency-One:** Manage risk, production and safety with SGS's digital supply chain solution Transparency-One.

**SGS Digicomply:** Transform the big data of compliance information into user-friendly actionable knowledge.

**SGS e-documents:** Receive your transactional reports and certificates by email – SGS delivers your documents quickly and securely.

**All Species ID:** A powerful tool for food analysis, authenticity testing, the identification of ingredients, pathogens, and allergens.

For animal feeds, we offer the following schemes:

- GMP+
- EFISC-GTP
- FCA
- QS
- CSA GTP
- Qualimat
- FAMI-QS
- SGS Non-GMO Supply Chain standard
- Feed Assure Canada
- Codex Assalzo Italy
- KAT & VLOG
- Other country specific certifications

## OTHER SERVICES

We offer a broad range of services that can demonstrate the safety and quality of feed and your operations.






**Hygiene:** audit solutions verify compliance with regulations including the EU's Animal Feed Hygiene Regulation

**Labelling:** accurate testing combined with our cataloguing processes ensure accurate analysis labelling for animal feeds

**Traceability:** effective traceability and recalls systems fulfil global supply chain demands for the ability to trace any raw material, product unit or batch used in feed through every stage of production

## SGS BENEFITS

SGS is committed to ensuring and improving the quality and safety of animal feeds.

-  State-of-the-art equipment
-  Rapid turnaround times
-  Technical competence
-  ISO 9001 and ISO 17025 accreditation
-  Customized service

## CONTACT US

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WHEN YOU NEED TO BE SURE

