



EXPERTISE



TRUST



QUALITY

SEED TESTING

MAKING THE DIFFERENCE

ASSURE QUALITY AND SAFETY

Independent Seed
& Grain Analysis

ACCURATE RESULTS ON TIME
COST EFFECTIVE ANALYSIS SOLUTIONS

SGS

WE CAN HELP YOU ANSWER THE MAIN QUESTIONS REGARDING SEED & GRAIN QUALITY IS IT **CLEAN**? IS IT **HEALTHY**? DOES IT **GROW**? **QUALITY**?

Because SGS is totally independent with no commercial ties to merchants or traders it offers you objective accuracy and total impartiality. Accurate seed analysis represents low cost assurance when compared to the potential losses that may occur when using seed of unknown quality. Using qualified seed analysts and internationally recognised methods, removes these doubts.



ADVISORY SEED ANALYSIS

For farm saved seed and precertification information testing:

- Purity
- Other Species Content
- Screenings
- Seed Identification
- Moisture
- Thousand Seed Weight
- Germination Seeds are germinated and each seedling carefully evaluated to determine likely cause of abnormalities such as heat damage, mechanical damage and phytotoxic damage caused by chemicals

RAPID TETRAZOLIUM VIABILITY

Viability result in 24-48 hours. This analysis involves microscopic examination of seed embryos after bio-chemical staining. It determines likely causes of embryonic damage such as heat damage. (NB not suitable for seed lots or seeds which may have been exposed to Glyphosate). The analysis should not be confused with vitascope analysis which can only detect gross damage:

- Vigour Testing
- Stem Nematode

Analysis to determine levels of stem nematodes present in the sample.

STATUTORY SEED ANALYSIS

We are an APHA (DEFRA) licensed seed Testing Station conducting statutory analysis on certified seed samples using qualified seed analysts.

GRAIN QUALITY ANALYSIS

We can provide a wide range of analyses to determine the quality of milling, malting, oilseed and feed crops. Competitively priced packages are available to cover all of the major quality parameters of milling wheat and malting barley.

- Protein
- Hagberg
- Gluten
- Admixture
- Moisture
- Natural Weight
- Oil Content
- Nitrogen
- Infestation
- Analysis of Borage, Crambe and other oilseeds

DISEASE ANALYSIS

SGS offers a wide range of analyses to detect diseases including:

- Fusarium
- Bunt
- Loose Smut
- Leaf Stripe
- Ascochyta
- Pea Bacterial Blight

MYCOTOXIN ANALYSIS

We provide a very fast service (normally same day) for the determination of Mycotoxin levels of combinable crops and are able to provide reports to accompany your deliveries to merchant or mill. Using recognised RAPID techniques for quantitative determinations of DON, Zearalenone, Aflatoxin Ochratoxin and other mycotoxins.

SAMPLING

It is vitally important that all samples are representative of the bulk. Samples for moisture analysis must be packed in moisture-proof bags. Samples must be of sufficient weight for us to perform the required analyses.

Detailed sampling advice is available on request.



SAFEGUARD



TRUST

SUBMISSION OF SAMPLES

Samples may be submitted by post or in person at the laboratory in Driffield. Samples should be clearly marked with identification along with your analysis requirements.

It is essential that you clearly indicate the type of germination / viability test that you require as this may lead to delays. If you request a germination test, we will perform a "Grow on" germination test. Please request Rapid Tetrazolium Viability, (RTV) or Rapid Germination if you require a rapid viability test.

REPORTING

Results of analysis are normally reported on the day of completion by email. For multiple tests on the same sample the results are normally advised on an individual basis to enable you to make the right decisions at the earliest opportunity. For statutory analyses, purity results are normally emailed on the day of receipt. Tailor made combinations of reporting to suit your requirements can be arranged.

PROFESSIONAL ADVICE

SGS can offer advice on seed quality which will complement its wide range of analyses. This experience also extends to grain, incorporating expertise in grain quality, analysis and other associated topics.

ABOUT SGS

We are SGS – the world's leading testing, inspection and certification company. We are recognized as the global benchmark for quality and integrity. Our 93,000 employees operate a network of 2,600 offices and laboratories, working together to enable a better, safer and more interconnected world.

All work is undertaken as per SGS' General Conditions of Business.

Our seed and grain testing laboratory based at Driffield uses qualified seed analysts and is independently accredited to industry recognised assurance schemes for seed and grain.

FURTHER INFORMATION

For further information on our range of services or seed quality please do not hesitate to contact:

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APHA (DEFRA) licenced
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AIC TASCC approved testing facility
Gafta approved analyst

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WHEN YOU NEED TO BE SURE

