



Commodities Expertise
**Grain and oilseeds –
quality matters**

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Grains and oilseeds are shipped in large quantities on bulk carriers. Whenever a cargo is carried by sea it is sampled and tested for a number of quality parameters which must be correct for it to meet the requirements of the sales contract. Some of these parameters are specified in order to meet regulatory requirements for food and feed safety, others are specified by a buyer to ensure it is suitable for the specific intended use. Most of these quality parameters cannot be detected by any means other than laboratory analysis.

When a dispute arises regarding a quality or food/feed safety matter, all aspects of sampling, sample control and storage, preparation and analysis are likely to be subject to scrutiny.

Brookes Bell's scientists have decades worth of combined experience in dealing with these grain and oilseed cargoes. We can provide industry leading, world-class technical advice on aspects relating to the testing and verification of cargo quality and safety:

- Advice on sampling, sample handling and storage,
- Advice on laboratory choice and sample preparation,
- Review of analytical methods,
- Review of analysis results,
- Investigation of contamination or admixture
- Investigation of origin of problem
- Advice on mitigation, reconditioning and/or alternative uses.

Types of quality matters Brookes Bell scientists have been involved with include:

- Mycotoxin contamination (aflatoxins, ochratoxin, DON, zearalenone)
- Dioxin contamination
- Foreign material or admixture in grain
- Wheat milling quality measurements
- Presence of genetically modified organisms



Diverter sampler in flour mill



Samples of milling products



Grading white maize

Contact

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