

# Stockfeed & Grain Quality Analysis



*Don't feed it or buy it, without knowing what's in it*





## *NATA Accredited for Chemistry, Microbiological and Residue Testing*

Consumers along every step of the food chain demand confidence in the safety and nutrition of the product they are buying, selling or using. Verification by analysis for nutritional composition, product quality, absence of residues and mycotoxins or to quantify physical characteristics is essential in the current commodity and stockfeed business.

Symbio Laboratories is one of Australia's largest independent food and agricultural laboratories and has a unique blend of expertise and experience in the stockfeed and grain industries. Catering to some of Australia's leading agricultural companies, Symbio Laboratories can assist you with any aspect of quality assurance and product specification.

### **Symbio handles a wide variety of stockfeed, premix and commodity products including:**

- Whole and processed grains
- Oil seeds and by-products
- Novel by-product ingredients
- Tallows and oils
- Fibre sources, silage, hay and pasture
- Animal by-products
- Stockfeed premixes
- Medicated supplements
- Finished stockfeeds, supplements and blocks
- Mineral sources

### **Our stockfeed and grain testing includes:**

- Physical analysis of grain quality attributes
- Nutritional analysis by wet chemistry for protein, fats, minerals, vitamins, fibre fractions, energy, ash, moisture and starch
- Fatty acid profile
- Sugar profile
- Feedsafe® compliance for mixer CV and shelf life verification
- Near Infrared Reflectance (NIR) for major nutritional parameters including reactive lysine, amino acids and species specific energy content
- Residue analysis for pesticides, herbicides, fumigants, fungicides and carbamates
- Residue analysis for aflatoxins and mycotoxins
- Quantification of medicated ingredients such as ionophores, anthelmintics and antibiotics

When it comes to laboratory analysis, accuracy and reproducibility of results is paramount.

Symbio Laboratories is a NATA accredited laboratory with state of the art testing equipment utilising the very latest in technology. This allows for low level detection of many compounds, improved turnaround times and accuracy.

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