

SGS

**SGS
AGRI-FOOD
LABORATORIES
2011**

**AGRI-FOOD LABORATORIES IS NOW PART OF SGS,
THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY**

FEED AND INGREDIENT PACKAGES

INGREDIENTS AND FINISHED FEEDS

Package I

Crude protein, moisture

Package II

Crude protein, moisture, calcium, phosphorus, potassium, magnesium, sodium

Package III

Type II plus zinc, manganese, copper

Package V

Crude protein, moisture, calcium, phosphorus, Ca/P ratio, sodium,

Proximate I

Crude protein, moisture, crude fat, ash, carbohydrate (calculated)

Proximate II

Proximate I with fat by acid hydrolysis instead of crude fat

Options

(If no base package is selected, a \$10 base fee will apply)

Crude Fibre

Crude Fat

Hydrolyzed Fat

Salt

Ash

pH

ADF

NDF

Iron

Same Day Protein

Applies to samples received before 11am and can be reported "as is"

MINERAL PREMIX PACKAGES

Mineral I

Calcium, phosphorus

Mineral II

Calcium, magnesium

Mineral III

Calcium, phosphorus, sodium, potassium, magnesium

Mineral IV

Zinc, copper, manganese, iron

Mineral V

Calcium, magnesium, phosphorus, sodium, potassium, copper, zinc, manganese, iron

Any Single Element

TOXIN SCREENS

Vomitoxin

Zearalenone

T-2

Aflatoxin

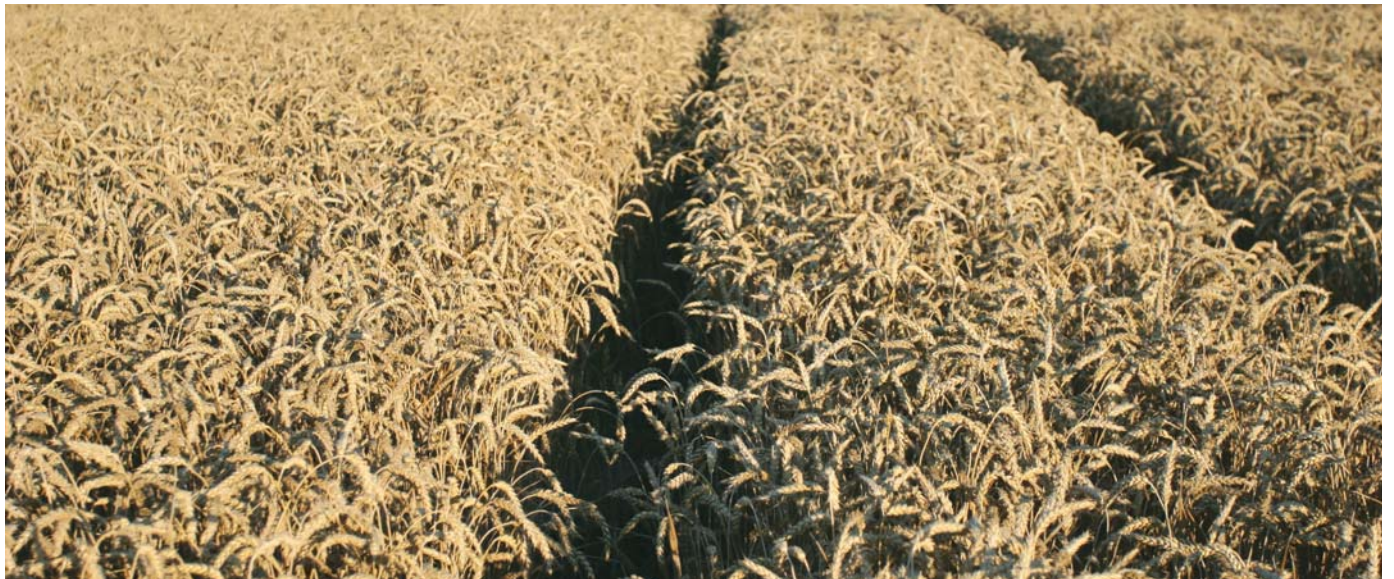
MICROBIOLOGICAL

Yeast

Mold

Salmonella

Salmonella Confirmation



FATS AND OILS

MIU
Peroxide Value
Free Fatty Acids
20 Hour AOM
Iodine Value

OTHER ANALYSES

Feed Particle Size

Mixer Study
Mixer Na / Mn / Zn
Mixer Salt

Minimum 9 replicates. HACCP recommends Sodium.
Other elements can be requested, contact the lab for more details.

MANURE ANALYSES

Liquid

Dry matter, nitrogen, phosphorus, potassium, total salt, ammonium nitrogen

Dry

Dry matter, nitrogen, phosphorus, potassium, ammonium nitrogen

Options

(If no base package is selected, a \$10 base fee will apply)
Calcium and Magnesium
Zinc, Manganese, Copper, Iron
Total Salt
Carbon/Nitrogen Ratio
pH

HEAVY METALS

Arsenic
Lead
Mercury
Selenium

Please allow 10 days for results

LIVESTOCK WATER

AFL Mineral Analysis

pH, nitrate nitrogen, phosphorus, potassium, magnesium, calcium, chloride, sulphate, total salt (EC), bicarbonate, sodium, total dissolved solids, total hardness, zinc, manganese, copper, iron, boron, silicon

Minimum sample size: 500 ml

Samples in a microbiological bottle cannot be used for mineral analysis.

Samples for human consumption will not be analyzed based on the Safe Water Drinking Act 2002.

MICROBIOLOGICAL TESTS

Total Coliform

E. Coli

Faecal Coliform

Listeria

Faecal Streptococcus

Minimum sample size: 250 ml

Sterile bottle required.

Microbiological analysis will be on a separate report.

Please submit your sample at the beginning of the week.

Samples will not be accepted on Fridays.

