

Feed and Ingredient Packages

2024



SGS

INGREDIENTS AND FINISHED FEEDS

Package I

Crude protein, moisture

Package II

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

Package III

Package II plus zinc, manganese, copper, iron

Package IV

Package II plus ADF, NEL, TDN

Package V

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

Proximate I

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

Options

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

Crude Fibre

Crude Fat

Hydrolyzed Fat

Salt

Ash

pH

ADF

NDF

Iron

Starch (Enzymatic)

Ethanol soluble carbohydrates (ESC-Simple sugars)

Water soluble carbohydrates (WSC-Total sugars)

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 Listed Above:

Plus prep fee

TOXIN SCREENS

Vomitoxin (DON)

Zearalenone

T-2

Aflatoxin

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 10 repetitions

HACCP recommends Sodium.

Other elements can be requested, contact the lab for more details.

MANURE ANALYSES

Liquid

Dry matter, nitrogen, phosphorus, potassium, total salt (EC), ammonium nitrogen

Dry

Dry matter, nitrogen, phosphorus, potassium, ammonium nitrogen

Options

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

Calcium and Magnesium

Zinc, Manganese, Copper, Iron

Total Salt (EC)

Carbon/Nitrogen Ratio

pH

Fecal Starch

HEAVY METALS

Arsenic

Lead

Mercury

Selenium

Heavy Metals, full scan

Aluminium, Arsenic, Cadmium,

Chromium, Cobalt, Copper, Lead, Mercury,

Molybdenum, Nickel, Selenium, Zinc

LIVESTOCK WATER

Mineral Analysis

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

Minimum sample size: 300 ml

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

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

MICROBIOLOGICAL TESTS

Total Coliform

E. Coli

Faecal Coliform

Listeria

Faecal Streptococcus

Yeast

Mold

Salmonella (+/-)

Salmonella Serotype

Clostridium perfringens

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.

Supplies and Forms

If you require sample containers or submission forms, please contact the laboratory.

Contact details:

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Prices subject to applicable taxes and may be changed without notice. Prices effective February 2024. Rates are in Canadian funds.

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