Laboratory administrator Olivia Khatri is ready to run your samples of grain, meat, dairy products, and many more in the analytical lab in Weber 211

Need to know how much protein, moisture or fat is in your product? Need to analyze fatty acid chains or minerals in your samples? We can help you in the analytical lab in 211 Weber Hall! Many of our instruments are made for animal products, such as the LECO TruMac N and CEM Smart System 5 with Rapid Fat Analysis, but our others such as the Shimadzu GC-17A and AAnalyst 100 can be used in many animal science applications.

Leco TruMac N Nitrogen Analyzer

The Leco TruMacN uses nitrogen determination to give accurate and precise protein determination for feeds, grains, seeds, meat products, milk, urine, fecal products, and many other biological samples.

Rates: $5.75/sample run internal rate, $8.63/sample run external rate*

Shimadzu GC-17A

The Shimadzu GC-17A is designed to separate the different compounds in a mixture and is specifically helpful in determining the fatty acid content of many meat and dairy products.

Rates: $12.00/sample run internal rate, $17.99/sample run external rate*

CEM Smart System 5 with Smart Trac Rapid Fat Analysis

In raw and processed meats, milk, and other biological mixtures the CEM Smart System 5 with Smart Trac Rapid Fat Analysis can be used to determine the total moisture and fat in an accurate and timely manner using microwave and nuclear magnetic resonance (NMR) technology.

Rates: $2.52/sample run internal rate, $3.79/sample run external rate for MOISTURE samples

Rates: $4.76/sample run internal use rate, $7.14/sample run external rate for RAPID FAT ANALYSIS samples*

Perkin Elmer AAnalyst 100

The AAnalyst 100 is an atomic absorption spectrometer that uses flame absorption and flame emission techniques to measure the concentration of over 70 different elements in liquid or solid samples.

Rates: $4/sample run internal rate, $5.99/sample run external rate

If you have any questions on whether we can run your samples please contact Olivia Khatri at oskhatri@ksu.edu

*these are rates when the lab administrator runs the sample. Rates are cheaper when the samples are run by the researcher themselves after proper training