

Agri *Resource*

WET CHEMISTRY



Wet chemistry, also known as “Wet Reference,” is the standard, official, validated method of determining the nutrient value from the sample. Thus, it is also a labor and time intensive process.

The wet chemistry laboratory at Agri Analysis consists of 4,000 square feet and strives to utilize the most up-to-date procedures and technology to ensure the most accurate results.

TECHNOLOGICAL ADVANCES IN WET REFERENCE TESTING Equipment Spotlight

Incoupled Plasma Flame (ICP)

- used to determine a materials mineral composition
- can assay up to 38 different minerals at a time and assay up to 176 samples non-stop

LECO TruSpec Combustion Analyzer

- able to determine a materials nitrogen composition, which can then be utilized to calculate protein composition for a sample

Ankom 200 Fiber Analyzer

- used for wet reference **NDF, ADF, Crude Fiber** determination

Ankom Daisy II Incubator

- utilized for wet reference NDFd invitro testing
- offered at 24, 30, and 48 hour points.