

Fiber Analysis of DDGS

ANKOM Filter Bag Technology (FBT) has recently been approved for use in determining Crude Fiber in Distillers Dried Grains with Solubles.

A comparative study, supported by the Distillers Grain Technology Council, was performed using the FBT method AOCS Ba6a-05 against the FOSS FibertecTM-based Crude Fiber AOAC 978.10 method (which was endorsed for use in DDGS by the AFIA Sub-Working Group in 2007). The FBT method was performed using both F58 and F57 filter bags due to how finely DDGS samples are typically ground. The study evaluated 12 different DDGS samples with a range of crude fiber values between 6.62% and 8.06%. The results of the study showed average CF values of 7.43% and 7.34% for the AOCS Ba6a-05 method and the AOAC 978.10 method, respectively. There was no significant difference ($p>0.01$) between methods.

As a result of this comparative study, the Distillers Grain Technology Council endorses the use of both method AOCS Ba6a_05 as well as AOAC 978.10 for determining crude fiber in DDGS.