

Why is my blank bag heavier after the run than before the run?

If samples are ground too fine, there will be sample loss from the F57 Filter Bag during the extraction process, resulting in lower than expected fiber values.

ANKOM Technology recommends one of the two grinding options below for samples to be extracted in the ANKOM²⁰⁰ and ANKOM²⁰⁰⁰ Fiber Analyzers.

- 1mm with Wiley Mill
- 2mm with Cyclone Mill (e.g., UDY)

If samples are ground finer than what is recommended, sample will escape the filter bag and attach to other bags, including the blank bag. Below is an example of a blank bag that is heavier after a run because it accumulated lost particles from other bags. The other blank bag represents how a blank bag should look after a run.



Generally, the best way to determine if sample has been lost is to examine the blank bag weights. If the blank bag is heavier after the run than it was before, fine particles have escaped from the filter bags during the extraction process. To correct this problem, use the recommended grinding options referred to above.