



Powder sample 2 is a free flowing powder with low bulk density, non-uniform particulate size with small clumps and is hydroscopic when exposed to air resulting in weight gain due to moisture over time.

2. The 2 material required different pipette diameters due to sample size and bulk densities. See graphs.

3. Due to the need to recycle the powder, air is entrained in the powder that caused a large rathole in one sample. Increasing the aspiration time from 1 second to 3 seconds will

Low to the need to recycle the powder, all is entrained in the powder that caused a large ratificient one sample. In purge the entrained air eliminate the rat holes
Sample cycle time: Carbon 3-4 sec/sample
Milk 3 - 4 seconds per sample due to additional volume and entrained air to fill pipette properly
Set up and calibration tim 10 minutes Carbon; Milk 15 including pipette change.

7. No sssues pipetting into either the vial or bottles as supplied by customer

Summary: Both powders pipette well, a some care needs to be taken with the milk powder to avoid ratholes resuting in "short weights".