Purpose: Determine % retained on 325 mesh sieve of slurry product

Equipment:

325 Mesh Sieve

150ml beaker

Oven – Baxter Scientific Products

Weighing Balance – B440 Satorius

Lab Sink

Watch Glass Dish

High Temp Gloves

Sieve Brush

Procedure:

1. After recording data from slurry sample bottle shake sample until all settling has re-suspended.
2. Turn on oven. (The dial setting should be at 5)
3. Place 150ml beaker on balance and tare to zero.
4. Add 100g (± .04g) of slurry sample to beaker.
5. Using the lab sink, start running water through the 325 mesh screen until entire surface is wet.
6. Slowly start pouring the slurry sample through the screen while running water. Continue running water through the screen until no more product will pass through.
7. Shake excess water from the sieve and place in oven. Leave in the oven until sample and sieve have dried.
8. Place glass dish on the balance and tare to zero.
9. Wearing high temp gloves, remove the sieve from the oven and brush dried sample from screen onto the glass dish and record weight in grams. This is your % retained on 325 mesh or % +325.

TRAINING DOCUMENTATION

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Revision Number	Revision Date	Revision Author	Revision Description
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