

SAMPLE PREPARATION

- 1 Collect and grind a representative cottonseed sample such that $\geq 95\%$ passes through a 20 mesh sieve. Mix ground material thoroughly before sub-sampling.



- 2 Carefully weigh out a 25 gram sub-sample and add to container



TEST PROCEDURE for 25g sample

(more detailed instructions in the Product Insert)

Ensure Incubator has reached 22°C

***Note:** acclimation is only required when the ambient temperature is unknown or outside of 20-24°C (68-75°F)



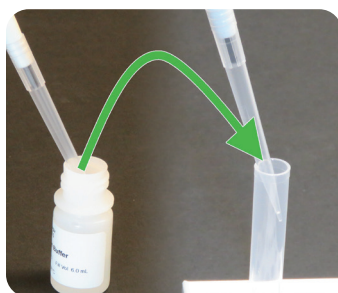
- 3 Add 100 mL of 50% ethanol and cap tightly



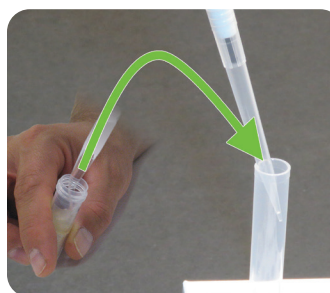
- 4 Shake for 1 minute on mechanical shaker (or vigorously by hand for 2 minutes)



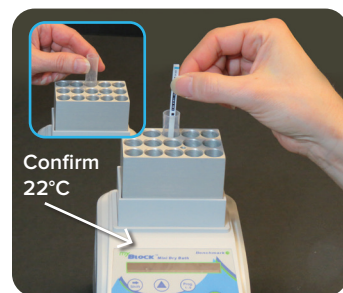
- 5 Centrifuge a portion of extract for 30 seconds at 2000 x g (NOT RPM).



- 6 Add 100 µL Buffer to tube



- 7 Transfer 100 µL of the clarified extract to the tube; stir well with pipette tip



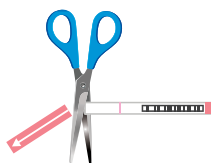
- 8 Place tube in Incubator and acclimate for 2 min.*, then add QuickTox Strip; wait 5 minutes for results

QuickScan TEST RESULTS

MULTIPLE RESULTS IN SECONDS WITH QUICKSCAN

Read strips and combs from any test family simultaneously--more detailed instructions in the QuickScan User Manual

- 9 Remove strip from tube immediately after 5 minutes. Cut off and discard bottom pad with arrow tape and read promptly.



- 10 Place in the QuickScan carrier and slide carrier in. Click "Read Test" on Main Menu and choose matrix group "MG17" Aflatoxin results are reported up to 30 ppb. (Dilution steps will yield quantitative results up to 300 ppb; see Product Insert, Range with Dilution or M301D)

- 11 Results Screen will appear when scanning is complete. Enter sample identification data and use buttons to save or print report.

