

# QuickGuide

# QuickTox™ Kit: QuickScan Ochratoxin

## Sample Preparation



Prepare Grain Buffer from Concentrate



Collect and grind a representative sample per Product Insert instructions



Ground too coarse = improper extraction

## Test Procedure

(more detailed instructions in the Product Insert)



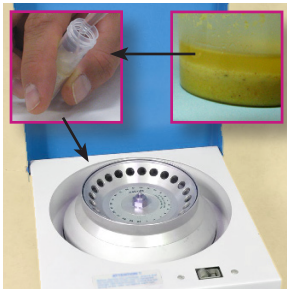
1. Add a 20 to 50 gram sub-sample to container



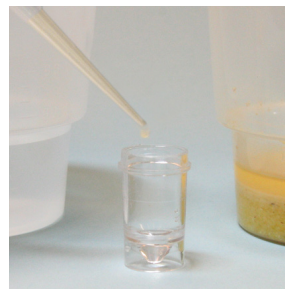
2. Add 5 mL/gram room temperature Grain Buffer (e.g., 100 mL for 20 gram sample)



3. Shake on mechanical shaker (or vigorously by hand) for 30 seconds



4. Take a portion of extract and centrifuge for 3 minutes at 2000 x g (NOT RPM) - follow centrifuge manufacturer's instructions



5. Add 50 µL DB3 Buffer to vial, then using a new pipette tip, add 200 µL of the centrifuged sample; stir well with pipette tip



6. Add the QuickTox Strip; wait 10 minutes for results

## QuickScan Test Results

(more detailed instructions in the QuickScan User Manual)

7. Remove strip from vial immediately after 10 minutes. Cut off and discard bottom pad with arrow tape. (No drying step!)

8. Place in the QuickScan carrier and slide carrier in. Click "Read Test" on Main Menu. Results are reported between 1.5 ppb and 30 ppb.

For quantification above 30 ppb, a simple dilution step will yield results up to 100 ppb -- consult product insert for details)

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