

QuickGuide

AQ-304-BG 2 MINUTE PROTOCOL

TotalTox™ **DON**
CORN, WHEAT

SAMPLE PREPARATION

Make sure Strips, Buffer and water are at room temperature before testing

Make sure you have scanned the Multi-Matrix Barcode Card (MMBC) that matches your kit lot

Set Incubator at 22°C

You will need a 100 µL pipette



- 1** Collect and grind representative sample such that $\geq 95\%$ passes through a 20 mesh sieve



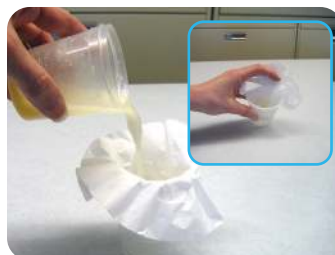
- 2** Carefully weigh out and add a 20-50 gram sub-sample to container



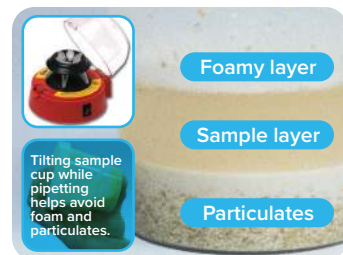
- 3** Add 5 mL/g of distilled, deionized, or bottled water (eg: 250 mL for 50g sample)



- 4** Seal/cover container and shake on mechanical shaker (or vigorously by hand) for 30 seconds



- 5a** Filter extract using approved coffee filter (e.g. BUNBCF100B) into a clean vessel; move filter aside to access the filtered extract



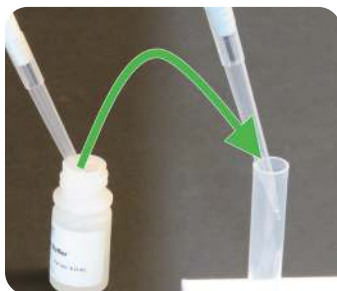
- 5b** Or, a portion of extract may be centrifuged (30 sec) at $2000 \times g$ (NOT RPM), or allowed to settle into layers - avoid foamy layer and particulates when drawing up sample

TEST PROCEDURE

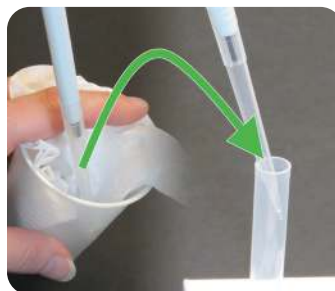
(more detailed instructions in the Product Insert)

Ensure Incubator has reached 22°C

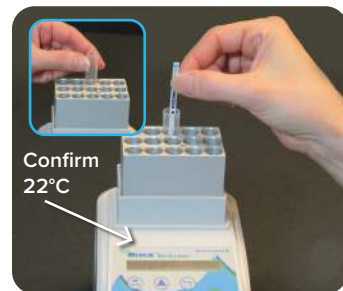
***Note:** acclimation is only required when the ambient temperature is unknown or outside of 20-24°C (68-75°F)



- 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 2 minutes for results

QuickScan TEST RESULTS

(more detailed instructions in the QuickScan User Manual)

- 9** Remove strip from vial immediately after the 2 minute test time. Cut off and discard bottom pad with arrow tape. (No drying step!)

- 10** Place in the QuickScan carrier and slide carrier in. Click "Read Test" on Main Menu. Results are reported between 0 and 8 ppm.

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