QuickGuide

QuickTox Kit for QuickScan - Aflatoxin

Sample Preparation

Collect and grind a representative sample to a 20 mesh screen size. Ground too coarse = improper extraction. Ground too fine = extract may require longer settling time.

Test Procedure

Be sure that the Multi-Matrix Barcode Card has been scanned for the kit lot being utilized for testing. They are included in every kit box, but only need to be scanned once per lot.

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

2. Add 2 mL/gram of 50% ethanol (example: 40 mL for 20 gram sample).

3. Shake 1 minute on mechanical shaker or by hand for 1½ - 2 minutes.

4. Allow to settle into two layers (sample is taken from top layer). Alternatively, filter or centrifuge. (Refer to Application Guides for instructions)

5. Add 100 µL Buffer to vial, then using a new pipette tip, add 100 µL sample to vial.

6. Stir well with pipette, then add test strip; wait 5 minutes for results.

QuickScan Test Results

7. Remove strip from vial immediately after 5 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. Aflatoxin results are reported between 2.5 ppb and 30 ppb. (A simple dilution step will yield quantitative results above the listed upper limits -- see Product Insert)

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

Technical Assistance: 1-866-408-4597

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