QuickGuide
AQ-113-BG

QuickTox Ochratoxin
Corn Common Extraction

SAMPLE PREPARATION

1 Collect and grind a representative corn sample such that ≥95% passes through a 20 mesh sieve





Ground too coarse or too fine may cause inaccurate results

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



TEST PROCEDURE for 25g sample

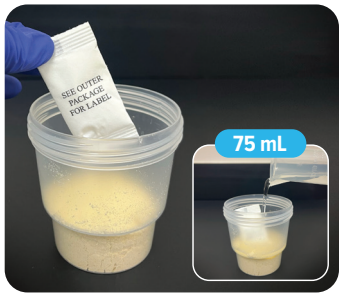
More detailed instructions in the Product Insert

Ensure Incubator has reached 22°C

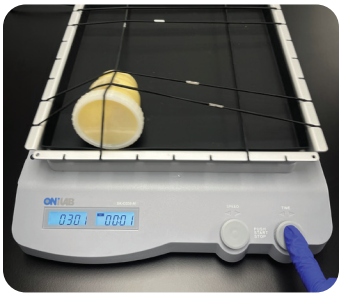
***Note:** acclimation is only required when the ambient temperature is unknown or outside of 20-24°C (68-75°F)

This guide walks you through the protocol for **MG3 - Corn Common extraction**.

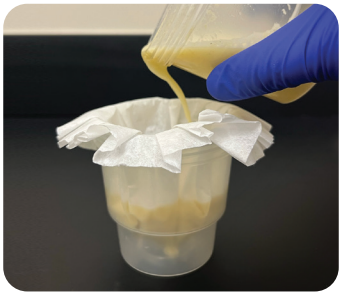
For higher sensitivity detection in corn (from 1.5 to 30 ppb) follow the protocol for **MG2 - Corn** in your product insert.



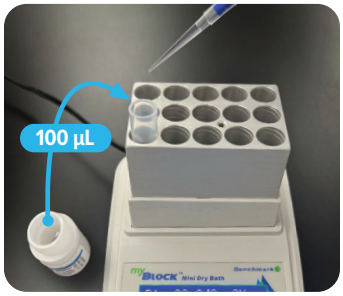
3 Add 1 dissolvable pouch of **EB17** and **75 mL** of distilled, deionized or bottled water and cap tightly.



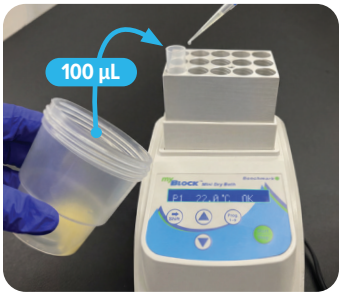
4 Immediately shake vigorously to dissolve pouch, then shake an additional **1 minute** on mechanical shaker (or by hand for 2 minutes).



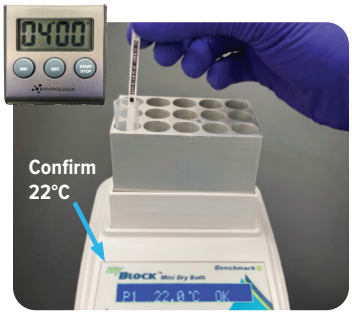
5 **Filter** with approved coffee filter (e.g. BUNBCF100B) for no longer than 2 minutes.



6 Add **100 µL DB5 Buffer** to the reaction tube.



7 Transfer **100 µL** of the clarified extract to the reaction tube with the buffer; stir well with pipette tip.



8 Place tube in Incubator and acclimate for 2 min.*, then add TotalTox Strip; wait **4 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

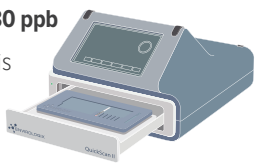
9 Remove strip from tube immediately after 4 minutes. Cut off and discard bottom pad with arrow tape.



10 Place cut strip in the QuickScan carrier tray and close. Click "Read Test" on Main Menu. When prompted, select Matrix Group **MG3 - Corn Common Extraction**

Results are reported between **3.0 ppb and 30 ppb**

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



Doc. M535-0526

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