

Reveal® Q+ MAX for Zearalenone

Aqueous Extraction
Product No. 8188

Reveal® Q+ MAX

Test with confidence

Neogen introduces **Reveal Q+ MAX for Zearalenone**, an easy-to-use quantitative lateral flow test that provides unparalleled accuracy in only 5 minutes. The new test's aqueous extraction eliminates the need for hazardous materials and its innovative technology yields precise and reproducible results.

- **Simple** water-based extraction
- **Fast** time to result
- **Convenient** room temperature storage



Advantages add up with Reveal Q+ MAX

- Common water extraction for multiple mycotoxins
- Unmatched accuracy and reproducibility
- The best technical and R&D support in the industry
- Quantitative results, 25–1500 ppb



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Reveal® Q+ MAX for Zearalenone Aqueous Extraction

Note: Please read kit instructions completely before performing test.



1. Prepare by entering values into the Reveal AccuScan® Pro Reader



2. Obtain a representative sample. Grind and weigh out a 10 gram sample



3. Add contents of 1 MAX 1 packet to the sample



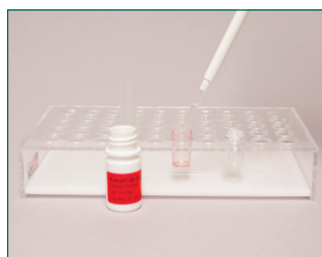
4. Add 50 mL distilled or deionized water to the sample



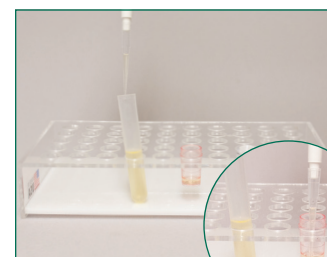
5. Shake vigorously for 3 minutes, or blend for 1 minute



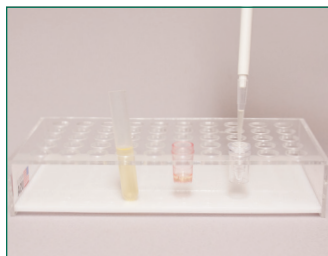
6. Allow to settle, then filter collecting a minimum of 3 mL filtrate.



7. Add 100 µL of sample diluent to the red dilution cup



8. Add 100 µL sample extract to the red dilution cup and mix up and down 5 times



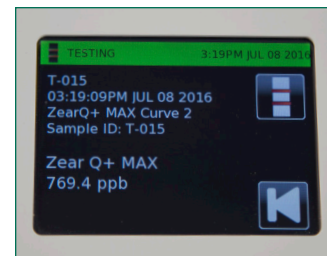
9. Transfer 100 µL diluted sample extract to sample cup



10. Place a new Reveal Q+MAX for Zearalenone strip into the sample cup. Set a timer for 5 minutes



11. Remove promptly at 5 minutes and interpret results using the Reveal AccuScan Pro reader.



12. Results shown on the AccuScan Pro. * Samples greater than 800 ppb must be diluted and re-run.

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Threshold: 25–1500 ppb
Testing time: 5 minutes

Materials Provided

- 25 Reveal Q+ MAX for Zearalenone test strips
- 25 red conical sample dilution cups
- 25 clear sample cups
- 2 bottles of red-labeled sample diluent
- 1 bottle of yellow-labeled dilution buffer (for samples >800ppb)
- 25 MAX 1 Aqueous Extraction packets
- Kit instructions for use

Materials Recommended but not Provided

Extraction Materials

- a. Sample collection cups with lids 125 mL (Neogen item 9428, 9428B)
- b. Sample collection tubes with caps (Neogen item 9421, 9421B)
- c. Filter syringes, Whatman #4 filter paper or equivalent (Neogen item 9420, 9429, 9519)
- d. Dispensing pump or graduated cylinder (Neogen item 9448, 9447)

- Agri-Grind grinder or equivalent (Neogen item 9401,9453)
- Scale capable of weighing 5–50 grams ± 0.1 g (Neogen item 9427)
- Timer (Neogen item 9426,9452)
- Reveal sample cup rack (Neogen item 9475)
- Pipettor, 100 µL (Neogen item 9860, 9290)
- Pipette tips, 1–200 µL (Neogen item 9407, 9410, 9417)
- Distilled or deionized water
- AccuScan Gold reader (Neogen item 9595) or AccuScan Pro reader
- MAX 1 Aqueous Extraction packets (Neogen item 8089)



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