

Call 800.234.5333 to order or visit NEOGEN.com

# Reveal<sup>®</sup> Q+ MAX for Zearalenone

Aqueous Extraction

*Product Number: 8188*

## Ordering Information

8188 Reveal Q+ MAX  
for Zearalenone  
9696 Raptor Solo system  
9681 Raptor cartridges



## Materials Recommended, Not Provided

NEOGEN #	Item Description
9428, 9428B	Sample collection cups with lids 125 mL
9421, 9421B	Sample collection tubes with caps
9420, 9429, 9519	Filter syringes, Whatman #4 filter paper or equivalent
9330	Centrifuge, mini
9172	Micro centrifuge tubes
9448, 9447	Dispensing pump or graduated cylinder
9401, 9453	Agri-grind grinder or equivalent
9427	Scale capable of weighing 5–50 g ± 0.1 g
9426, 9452	Timer
9475	Reveal sample cup rack
9463	Pipettor, 100–1,000 µL
9464, 9487	Pipette tips 100–1000 µL
9693	Pipettor, 400 µL
—	Distilled or deionized water
8089	MAX 1 aqueous extraction packets

## Test with Confidence

NEOGEN<sup>®</sup> introduces Reveal<sup>®</sup> Q+ MAX for Zearalenone, an easy-to-use quantitative lateral flow test that provides unparalleled accuracy in only five minutes.

The test utilizes the MAX common extraction allowing users to process one sample extract and test any of six mycotoxins. The aqueous extraction eliminates the need for hazardous materials and its innovative technology yields precise and reproducible results.

The Raptor<sup>®</sup> Solo reader allows users to simply add sample and walk away — the instrument controls the volume, temperature, and timing of the assay.

- **Simple** water based extraction
- **Fast** time to result
- **Superior** cross-reactivity



# REVEAL® Q+ MAX FOR ZEARALENONE

DOWNLOAD AND READ KIT INSTRUCTIONS COMPLETELY BEFORE PERFORMING TEST.



## Materials Provided:

- 25 Reveal® Q+ MAX for Zearalenone test strips
- 25 Red sample dilution cups
- 25 Clear sample cups
- 02 Bottles of sample diluent
- 01 Bottle dilution buffer
- 25 MAX 1 aqueous extraction packets

## Product Number: 8188

**Threshold:** 25–500 ppb (wheat)  
50–500 ppb (corn)

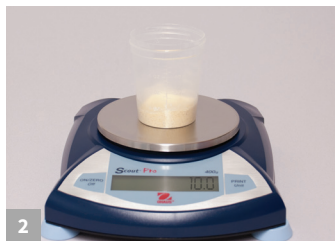
**Testing time:** 5 minutes

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## Procedure



1 Prepare by entering the QR code into the Raptor® Solo reader.



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



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



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



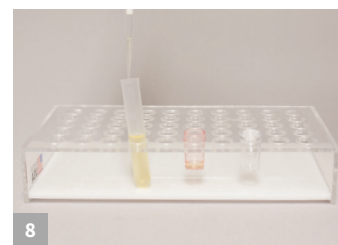
5 Shake vigorously for 3 minutes, or blend for 1 minute.



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



7 Add 250  $\mu$ L of the sample diluent to the red dilution cup.



8 Add 250  $\mu$ L of the sample extract to the red dilution cup and mix up and down 5 times.



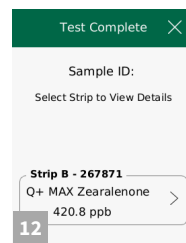
9 Insert the strip into the Raptor Solo cartridge.



10 Insert the cartridge into the Raptor Solo reader. Select Curve 1 or Curve 2 depending on matrix.



11 Add 400  $\mu$ L sample from the red dilution cup to the back of the Raptor Solo cartridge. Reader will start automatically.



12 Results shown on the Raptor Solo reader. \*Samples greater than 500 ppb must be diluted and re-run.

