

# Reveal for Aflatoxin SQ Peanut Procedure

**Note: Please read kit instructions completely before performing test.**  
**Questions? Call 800/234-5333 or 517/372-9200.**



1. Obtain a representative sample. Grind and weigh out 25 g into a blender jar.



2. Add 125 mL 60% methanol to sample.



3. Add 5 g NaCl to sample.



4. Blend sample for 2 minutes, then allow the sample to settle.



5. Filter sample using filter paper.



6. Add 200  $\mu$ L sample diluent to a sample cup.



7. Add 200  $\mu$ L sample extract to the sample cup and mix up and down with the pipettor.



8. Place a new Reveal Aflatoxin SQ Peanut strip into the sample cup. Set timer for 5 minutes.



9. Remove promptly at 5 minutes and interpret test results using the Reveal AccuScan III Reader.

**AFLA-SQ P 110004**

<b>Control</b>	<b>Sample ID</b>
	test1
<b>Test</b>	<b>Positive</b>
	Ratio: 0.995; >10<20ppb

Print Saved  
 New Sample ID

Help Results Main Settings

Results shown on the AccuScan III Reader

**#8022 Reveal for Aflatoxin SQ for Peanut**

**Thresholds:** <10 ppb, >10 to <20 ppb, or >20 ppb  
**Testing time:** 5 minutes  
**Matrice:** Peanuts  
**Cross-Reactivity:** Aflatoxin B<sub>1</sub>, B<sub>2</sub>, G<sub>1</sub>, G<sub>2</sub>

<b>Materials Provided</b>	<b>Extraction Materials</b>	<b>Testing Materials Available from Neogen</b>
25 test strips	Blender	Reveal sample cup rack (#9475)
25 sample cups	Scale (#9427)	Pipettor (#9488)
1 bottle of sample diluent	Distilled or deionized water	Pipette tips (#9410, 9407)
Reveal for Aflatoxin SQ Peanut program CD	Graduated cylinder (#9368)	Reveal AccuScan III Reader (#9590)
Kit instructions	Whatman #1 filter paper (#9430)	
	Methanol, 60%	
	Salt (7725G)	

Call 800/234-5333 to order or visit us online at [www.neogen.com](http://www.neogen.com)