

# Qualitative Test Kits

for Total Aflatoxins (B1, B2, G1, G2)

Analyze total aflatoxin at 3 cutoff levels (4 ppb, 10 ppb and 20 ppb) on-site in only 5 minutes with minimal equipment.



#### How the test works

The AgraStrip® qualitative tests determine the presence of total aflatoxin in commodities such as corn and peanuts, among others. The qualitative test strips analyze total aflatoxin at three cutoff levels, namely 4 ppb, 10 ppb and 20 ppb. The cutoff levels allow for an easy visual interpretation of the results after 5 minutes assay time.

### **Applications**

A variety of commodities such as grains, grain products and peanuts can be analyzed. Please refer to current application notes for your commodity of interest.

#### Kit Contents

Each kit includes test strips, conjugate wells, assay diluent, pipette tips, microwell holder, and (optionally) Whirl-Pak® bags to perform 24 tests.

### **PRODUCT FEATURES**

#### On site

- Test procedure without equipment
- · Minimal materials needed
- Storage at 2 25 °C

#### **Fast**

- 5-minute assay
- Only two pipetting steps

## Easy

- No sophisticated training necessary
- Visual interpretation of results

# Ordering Information - AgraStrip® Qualtitative Test

Item	Description	Part Number	Cutoff Level
AgraStrip® Aflatoxin 4 ppb	24 Tests	10002129	4 ppb
AgraStrip® Aflatoxin 4 ppb incl. Whirl-Pak® bags	24 Tests	10002130	4 ppb
AgraStrip® Aflatoxin 10 ppb	24 Tests	10002131	10 ppb
AgraStrip® Aflatoxin 10 ppb incl. Whirl-Pak® bags	24 Tests	10002132	10 ppb
AgraStrip® Aflatoxin 20 ppb	24 Tests	10002126	20 ppb
AgraStrip® Aflatoxin 20 ppb incl. Whirl-Pak® bags	24 Tests	10002127	20 ppb



# AgraStrip® Total Aflatoxin

Please read the kit insert completely before performing any test.



Break off number of wells needed and place them in the rack



Pipette 50  $\mu L$  of assay diluent into each wells



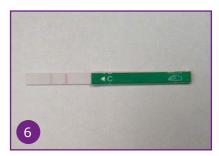
Add 50  $\mu L$  of sample extract into each well and mix



Put one strip into each well



Allow 5 minutes reaction time



Interpret results

# **Interpretation of results:**

A colored line will always appear at the top of the test strip to indicate that the test strip is functioning properly. This line is the control line.

Negative:

Aflatoxin less than cutoff level (two color lines)

Aflatoxin greater than or equal to the cutoff level (one control line)

T C

AFLATOXIN

T C

AFLATOXIN

Invalid results:

no control line