



AflaTest® • AflaTest® WB • AflaTest® WB SR • AflaOchra™ HPLC

HERE'S HOW SIMPLE VICAM TESTS ARE TO USE:

EXTRACT SAMPLE

- Grind and weigh sample
- Add salt and methanol/
water mixture
- Filter

DILUTE AND FILTER

- Dilute extract
- Filter

ABSORB AND ELUTE

- Pass filtrate over selected
affinity column
- Wash column
- Elute toxin and collect in a cuvette

MEASURE

- Add developers and place cuvette
into a calibrated fluorometer, or
- Dilute and inject eluate into
HPLC or UPLC
- Determine toxin concentration

Mycotoxin Analysis in Tree Nuts

In recent years, stringent legal limits on aflatoxin levels in tree nuts have threatened the profitability of growers, handlers, and traders worldwide. The high susceptibility of tree nuts to contamination by aflatoxins and other mycotoxin contaminants is a fact of nature. While it's virtually impossible to eliminate these toxic mold byproducts from the environment, you can protect the safety and marketability of your products from their potentially devastating impact.

VICAM offers a comprehensive line of mycotoxin test kits for detecting unsafe levels of aflatoxin, as well as other co-occurring mycotoxins of concern, such as ochratoxin A. Whether you need to rapidly screen shipments onsite or perform precise trace analysis of single or multiple mycotoxins in the lab, VICAM test kits deliver unparalleled levels of accuracy, reliability, and efficiency by either Fluorometer, Strip tests, HPLC or UPLC analysis. VICAM's test systems provide customers with sensitive results ensuring products are free of contamination every step of the way.

- Sensitive Detection at or below FDA/European Limits
- HPLC, UPLC, Fluorometric & Strip Test Assays for Rapid Screening Onsite or in the Lab
- Reliable Results at Every Stage of Production

VICAM NARROW BORE COLUMNS



BENEFITS		AflaTest
Durable	Long shelf life; requires no refrigeration	X
Versatile	Can be used with a variety of samples	X
Convenient	For use with fluorometric or HPLC or UPLC	X
Easy	No special skills required, test can be performed virtually anywhere	X
Quick	Less than 10 minutes to isolate toxin	X
Safe	Requires less toxic materials than other methods	X

VICAM WIDE BORE COLUMNS



BENEFITS		AflaTest WB	AflaTest WB SR
Durable	Long shelf life; requires no refrigeration	X	X
Versatile	Can be used with a variety of samples	X	X
Exclusive	Specifically for HPLC or UPLC use	X	X
Quick	10 minutes to isolate toxin	X	X
Wide Range	Detects levels as high as 500 ppb	X	X
Fast Flow	Passes more volume over the column	X	X

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