



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 Petfood

In the wake of highly publicized pet food recalls, customers are demanding a new level of accountability. That's why a systematic approach to protecting products from the deadly threat of mycotoxin contamination is more important than ever before.

Toxic byproducts of common molds, mycotoxins frequently occur in natural ingredients ranging from corn and wheat to fishmeal. Infection can start in the field and survive and spread throughout the entire production cycle. Chronic ingestion of even trace amounts of potent species such as aflatoxins has been linked to cancer and other serious diseases.

Our full array of AOAC and GIPSA-approved tests were developed to not only protect your reputation as a company dedicated to pet health, but also promote the cost-effective, streamlined quality control process you need to compete in today's challenging marketplace. VICAM's test systems provide customers with sensitive results by either Fluorometer, Strip tests, HPLC or LC/MS analysis. Whether testing incoming grains for petfood at your own QA laboratory or hiring an external laboratory, ask for VICAM by name; our columns and strip tests would ensure your product is free of contamination every step of the way.

- **Consistently Accurate Results from Field to Port & Beyond**
- **Sensitive Detection at or below European & Other International Regulated Limits**

VICAM NARROW BORE COLUMNS

BENEFITS		AflaTest	DONtest	FumoniTest	OchraTest	T-2test HPLC	ZearalaTest
Durable	Long shelf life; requires no refrigeration	X			X	X	X
Versatile	Can be used with a variety of samples	X	X	X	X	X	X
Convenient	For use with fluorometric or HPLC	X		X	X		X
Easy	No special skills required, test can be performed virtually anywhere	X	X	X	X	X	X
Quick	Less than 10 minutes to isolate toxin	X	X	X	X	X	X
Safe	Requires less toxic materials than other methods	X	X	X	X	X	X

VICAM WIDE BORE COLUMN

BENEFITS		AflaTest WB	DONtest WB	FumoniTes WB	OchraTest WB	T-2/HT-2 HPLC	ZearalaTes WB
Durable	Long shelf life; requires no refrigeration	X			X	X	X
Versatile	Can be used with a variety of samples	X	X	X	X	X	X
Exclusive	Specifically for HPLC or UPLC use	X	X	X	X	X	X
Quick	10 minutes to isolate toxin	X	X	X	X	X	X
Fast Flow	Passes more volume over the column	X	X	X	X	X	X

VICAM MULTI-ANALYTE COLUMNS

BENEFITS		AflaOchra HPLC	AOZ HPLC	Mycosin1
Convenient	Only one sample and one procedure required to detect multiple toxins	X	X	X
Durable	Long shelf life	X	X	X
Economical	One test provides results for multiple toxins, saving time and materials	X	X	X
Fast Flow	Passes more volume over the column	X	X	X
Exclusive	Specifically for HPLC, UPLC or LC/MS/MS use	X	X	X



Subject to change without notice.

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