

Charm
EZ[®]-M



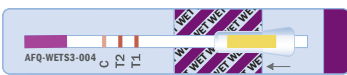
Charm[®] ROSA[®] Lateral Flow Mycotoxin Tests

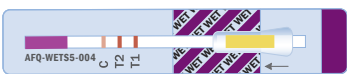
Rapid Mycotoxin Testing in Feed & Grain

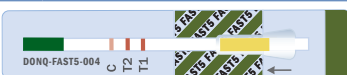
 **CHARM**
SCIENCES INC
NOTHING WORKS LIKE A CHARM

Extraction Solvent	Incubation Time	Approval	Commodities			
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FAST Aflatoxin Quantitative Test			Quantitation Ranges: 5 to 30 ppb, 20 to 100 ppb, 50 to 300 ppb				
70% Methanol	3 Min	FGIS [†]	Corn				
70% Methanol	5 Min	FGIS [†]	Barley Brown Rice Corn Germ Meal Corn Gluten Meal Corn/Soy Blend	DDG DDGS Hominy Millet Oats	Popcorn Rough Rice Rye Sorghum Soybean Hulls	Soybean Meal Soybeans Wheat	
		Charm [‡]	Corn Bran	Ginger Root	Milled Rice		
84% Acetonitrile	5 Min	Charm [‡]	Copra Meal Corn Gluten Feed Corn Silage	Cottonseed Hulls Cottonseed Meal Palm Kernel Meal	Peanut Hulls Peanut Meal Rice Bran	Whole Cottonseed	

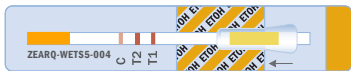
WET®-S3 Aflatoxin Quantitative Test			Quantitation Ranges: 5 to 100 ppb, 50 to 300 ppb				
Water Extraction Technology	3 Min	FGIS [†]	Corn				

WET-S5 Aflatoxin Quantitative Test			Quantitation Ranges: 5 to 100 ppb, 50 to 300 ppb				
Water Extraction Technology	5 Min	FGIS [†]	Barley Brown Rice Corn	DDG DDGS Hominy	Sorghum Soybeans Wheat		

FAST5 DON Quantitative Test			Quantitation Ranges: 0.5 to 1.5 ppm, 1 to 5.4 ppm, > 5 ppm				
Deionized or Distilled Water	5 Min	Charm [‡]	Barley Brewer's Rice Buckwheat Corn Corn Bran Corn Germ Meal Corn Gluten Feed	Corn Gluten Meal DDGS Hominy Malted Barley Milled Rice Oats Palm Kernel Meal	Rapeseed Meal Rice Bran Rough Rice Rye Sorghum Soybean Meal Triticale	Wheat Wheat Bran Wheat Flour Wheat Midds Wheat Red Dog Wheat Screenings	

DONQ2 Quantitative Test			Quantitation Ranges: 0.5 to 5.4 ppm, 4 to 30 ppm				
Deionized or Distilled Water	2 Min	FGIS [†]	Barley Brown Rice Buckwheat Corn Corn Bran Corn Germ Meal	Corn Gluten Feed Corn Gluten Meal DDGS Hominy Malted Barley Milled Rice	Oats Rice Bran Rough Rice Rye Sorghum Soybean Meal	Triticale Wheat Wheat Bran	
		Charm [‡]	Palm Kernel Meal	Pearled Barley	Rapeseed Meal		

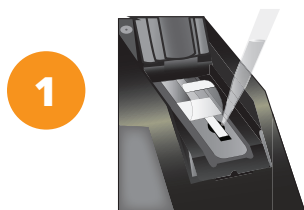
WET-S5 DON Quantitative Test			Quantitation Ranges: 0.5 to 5.4 ppm, 4 to 30 ppm				
Water Extraction Technology	5 Min		Barley	Corn	Wheat		

Extraction Solvent		Incubation Time	Approval	Commodities			
FAST5 Fumonisin Quantitative Test				Quantitation Ranges: 0.5 to 1.5 ppm, 1 to 5.4 ppm, 5 to 25 ppm			
70% Methanol	5 Min	Charm [†]	Barley Corn Corn Germ Meal	Corn Gluten Meal DDGS Flaking Corn Grits	Millet Oat Groats Rough Rice	Sorghum Wheat	
WET-S5 Fumonisin Quantitative Test				Quantitation Ranges: 0.5 to 5.4 ppm, 4 to 40 ppm, > 40 ppm (Corn Only)			
Water Extraction Technology	5 Min	FGIS [†]	Corn Corn Germ Meal	DDGS Oats	Popcorn Sorghum	Wheat	
		Charm [†]	Barley	Corn Gluten Feed	Millet	Rough Rice	
Ochratoxin Quantitative Test (Ochratoxin A)				Quantitation Ranges: 5 to 30 ppb, 20 to 100 ppb			
70% Methanol	10 Min	FGIS [†]	Barley Buckwheat Corn	Corn Gluten Meal Malted Barley Oat Groats	Rye Sorghum Soybean Meal	Soybeans Wheat	
		Charm [†]	Ginger Root	Rice			
T2/HT2 Quantitative Test				Quantitation Ranges: 25 to 200 ppb, 100 to 2000 ppb			
70% Methanol	10 Min	Charm [†]	Barley Corn	Corn Gluten Meal Oat Groats	Sorghum Soybean Meal	Wheat Wheat Flour	
FAST5 Zearalenone Quantitative Test				Quantitation Ranges: 50 to 350 ppb, 300 to 1000 ppb (400 to 1500 ppb and 800 to 3000 ppb for Corn Gluten Meal)			
70% Methanol	5 Min	Charm [†]	Barley Brewer's Rice Corn Corn Gluten Meal	DDGS Flaking Corn Grits Milled Rice Oat Groats	Rice Rough Rice Rye Sorghum	Soybean Meal Wheat Wheat Bran Wheat Flour	
WET-S5 Zearalenone Quantitative Test				Quantitation Range: 50 to 1000 ppb			
Water Extraction Technology	5 Min	FGIS [†]	Barley Corn	DDGS Sorghum	Wheat		

[†] USDA's Federal Grain Inspection Service.

[‡] In-house validation. Charm Sciences regularly qualifies new commodities to best fit our customer's needs. Please contact Charm Sciences for the most updated list of approved commodities.

Test Names	Order Codes
FAST Aflatoxin Quantitative Test	LF-AFQ-FAST-20K LF-AFQ-FAST-100K LF-AFQ-FAST-500K
WET-S3 Aflatoxin Quantitative Test	LF-AFQ-WETS3-20K LF-AFQ-WETS3-100K LF-AFQ-WETS3--500K
WET-S5 Aflatoxin Quantitative Test	LF-AFQ-WETS5-20K LF-AFQ-WETS5-100K LF-AFQ-WETS5-500K
FAST5 DON Quantitative Test	LF-DONQ-FAST5-20K LF-DONQ-FAST5-100K LF-DONQ-FAST5-500K
DONQ2 Quantitative Test	LF-DONQ2-20K LF-DONQ2-100K LF-DONQ2-500K
WET-S5 DON Quantitative Test	LF-DONQ-WETS5-20K LF-DONQ-WETS5-100K LF-DONQ-WETS5-500K
FAST5 Fumonisin Quantitative Test	LF-FUMQ-FAST5-20K LF-FUMQ-FAST5-100K LF-FUMQ-FAST5-500K
WET-S5 Fumonisin Quantitative Test	LF-FUMQ-WETS5-20K LF-FUMQ-WETS5-100K LF-FUMQ-WETS5-500K
Ochratoxin Quantitative Test (Ochratoxin A)	LF-OCHRAQ-G-20K LF-OCHRAQ-G-100K LF-OCHRAQ-G-500K
T2/HT2 Quantitative Test	LF-T2-HT2-20K LF-T2-HT2-100K LF-T2-HT2-500K
FAST5 Zearalenone Quantitative Test	LF-ZEARQ-FAST5-20K LF-ZEARQ-FAST5-100K LF-ZEARQ-FAST5-500K
WET-S5 Zearalenone Quantitative Test	LF-ZEARQ-WETS5-20K LF-ZEARQ-WETS5-100K LF-ZEARQ-WETS5-500K



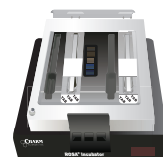
Add sample.



Close door to incubate/read.



Results in seconds/minutes.



Incubate multiple strips simultaneously, then read results on the Charm EZ-M system.