

## ROSA FAST5 Zearalenone Quantitative Test for Feed and Grain

### Product Overview

The ROSA® FAST5 Zearalenone Quantitative Test (ZEARQ-FAST5) delivers rapid and accurate results using ROSA (Rapid One Step Assay) lateral flow technology. The diluted extract is applied to the test strip, incubated for 5 minutes, and read in the Charm EZ®-M system.

### Benefits of ZEARQ-FAST5 Test Include:

- Range: 50 to 350 ppb and 300 to 1000 ppb (400 to 1500 ppb and 800 to 3000 ppb for corn gluten meal)
- Results in 5 minutes

### Run on the Charm EZ-M System:

- High volume output with batching using multiple quad incubators
- Standard curve built into reader reducing testing cost by eliminating end-user calibration
- Printable or downloadable results to any computer or LIMS system



Charm ROSA Strip

### Simple Procedure with the Charm EZ-M System



Add Sample



Incubate



Read Results in Less Than 5 Seconds



For Batch Processing

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

Commodities

| Charm Validated Commodities (70% Methanol) |                          |                         |                                       |                 |
|--|--------------------------|-------------------------|---------------------------------------|-----------------|
| Barley                                     | Barley/Oat Groats Blend  | Beet Pulp               | Brewer's Rice                         | Brown Rice      |
| Chickpeas                                  | Corn                     | Corn Gluten Meal        | Corn Protein Concentrate              | Corn Starch     |
| DDGS                                       | Flaking Corn Grits       | Ginger Root             | Green Lentils                         | Green Pea Flour |
| High Amylose Corn Starch                   | High Starch Sweet Potato | Lentil Fibers           | M-fiber                               | Milled Rice     |
| Millet                                     | Oat Bran                 | Oat Fiber               | Oat Fiber, Fruit, and Vegetable Blend | Oat Groats      |
| Oats                                       | Parboiled Rice           | Pea Fiber               | Popcorn                               | Rice            |
| Rice Bran (defatted)                       | Rice Starch              | Rough Rice              | Rye                                   | Sorghum         |
| Soybean Meal                               | Soybean Mill Run         | Soy Protein Hydrolysate | Sweet Potato                          | Wheat           |
| Wheat Bran                                 | Wheat Flour              | Yellow Pea Flour        |                                       |                 |

| Charm Validated Commodities (84% Acetonitrile) |           |        |                          |                     |
|--|-----------|--------|--------------------------|---------------------|
| Chia Seeds                                     | Flax Seed | Quinoa | Rice Protein Concentrate | Soy Protein Isolate |
| Wheat Midds                                    |           |        |                          |                     |

Ordering Information

| Order Codes        | Each Kit Includes                              |
|--------------------|--|
| LF-ZEARQ-FAST-40K  | Test Strips, Positive Control, Dilution Buffer |
| LF-ZEARQ-FAST-100K | Test Strips, Positive Control, Dilution Buffer |

See Operator’s Manual for additional kits and order codes.

