SIS FASTS E

Test Ranges:

0 to 6 ppm

Charm-Validated Commodities:

- ⁴2:1 Extraction Ratio: Barley, Corn, Corn Gluten Meal, Flaking Corn Grits, Millet, Oats, Rough Rice, Sorghum, Wheat
- B 3:1 Extraction Ratio: Corn Germ Meal, Distillers Dried Grain with Solubles (DDGS)











100 µL Extract³ 1.0 mL FUM Dilution Buffer 158 µL Extract for

Corn Germ Meal

Diluted Extract



50 g

Sample Preparation

Test Procedure

(2) Add Solvent

100 mLA/ 150 mLB

(3) Extract

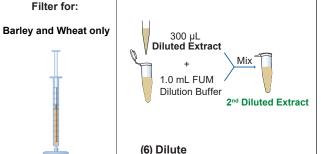
(4) Clarify

(5) Dilute^c

Ground sample

70% Methanol

Shake vigorously or blend for 1 minute: do not exceed 2 minutes. Centrifuge or allow to settle Prepare Diluted Extract



^cDiluted Extract for corn germ meal samples cannot be assayed, continue to prepare and assay 2nd Diluted Extract



(1)

Place test strip in ROSA Incubator or Charm EZ®-M system.

For Charm EZ-M system, select appropriate test, commodity, and dilution if prompted.



(2)

Peel tape.

Pipet 300 µL Diluted Extract or 2nd Diluted Extract into sample compartment.

Reseal tape.



Pass Diluted Extract through RC15 Filter

(3)

Close lid.

Incubate for 5 minutes.

Prepare 2nd Diluted Extract

(1) Inspect test strip

(2) Read result with ROSA-M Reader or Charm EZ-M system

ROSA-M Reader: Select FUM channel in 3-line mode (blinking) and appropriate MATRIX.

Charm EZ-M system: Select appropriate test, commodity and dilution if prompted.

Valid Test				
C T2 T1	C T2 T1	C T2 T1		
	nvalid Te	est		
\square	n	\square		
С	c	С		
\square	n	\square		

Extraction Ratio	Sample (Dilution)	MATRIX	Quantitation Range	LOD
2:1 ^A	Diluted Extract (DE)	00	0.5 to 1.5 ppm	0.25 ppm
	2 nd Diluted Extract (2ND DE)	01	1 to 5.4 ppm	_
3:1 ^B	Diluted Extract (DE)	03	0.5 to 1.5 ppm	0.25 ppm
	2 nd Diluted Extract (2ND DE)	04	1 to 5.4 ppm	-
3:1°	2 nd Diluted Extract (2ND DE)	01	1 to 5.4 ppm	_