

ROSA® T2-HT2 Quantitative Test Flow Chart

See Validated Commodity Below

Test Ranges:
0 to 250 ppb
0 to 2500 ppb

Charm Validated Commodity:

Barley, Corn, Corn Gluten Meal, Oats, Sorghum, Soybean Meal, Wheat, Wheat Flour

Sample Preparation



(1) Weigh
Ground sample^A

50 g
or 10 g



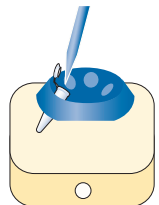
(2) Add Solvent
70% Methanol

100 mL
or 20 mL



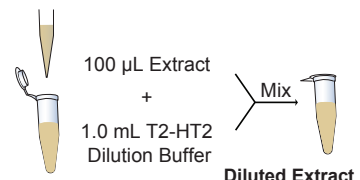
(4) Extract

Shake vigorously or blend
1 minute; do not exceed
2 minutes



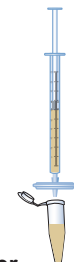
(5) Clarify

Centrifuge, filter,
or allow to settle



(6) Dilute

Prepare **Diluted Extract**



(7) Filter

Pass **Diluted Extract**
through RC15 filter

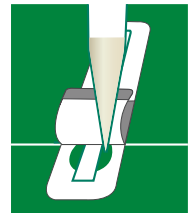
^A50 g is the Charm recommended sample weight, 10 g is an optional sample weight.

Test Procedure



(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.



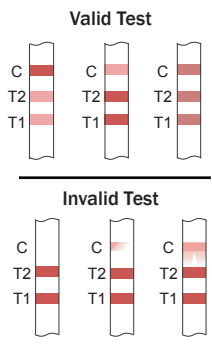
(2)
Peel tape.
Pipet 300 µL **Diluted Extract** into sample compartment.
Reseal tape.



(3)
Close lid.
Incubate for 10 minutes.

Read Results

(1) Inspect test strip



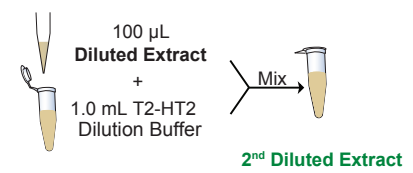
(2) Read results with ROSA-M Reader or Charm EZ-M system

ROSA-M Reader: Select T2 channel in 3-line mode (blinking) and appropriate MATRIX.

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

Sample (Dilution)	MATRIX	Quantitation Range	LOD
Diluted Extract (DE)	00	0 to 250 ppb	10 ppb
2nd Diluted Extract (2ND DE)	01	100 to 2500 ppb	-

For quantitations of 100 to 2500 ppb



- (1) Prepare 2nd Diluted Extract**
- (2) Repeat Test Procedure (steps 1, 2, 3) with 2nd Diluted Extract**
- (3) Read Results**