

ROSA® WET®-S5 DON Quantitative Test Flow Chart

Charm Validated Commodities:

^ACorn, Wheat

^BBarley

See Approved Commodities
Below

Test Ranges: 0 to 6000 ppb
0 to 60 ppm

Sample Preparation



(1) Weigh
Ground sample

50 g



(2) Add WET-S Extraction Powder
Use packet labeled with
appropriate same size

^A1 Packet for 50 g sample
^B2 Packets for 50 g sample

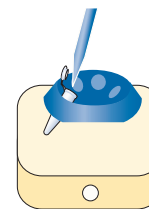


(3) Add Solvent
Deionized, Distilled
or Bottled Water

^A150 mL
^B250 mL

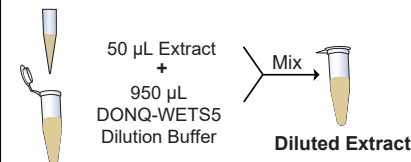


(4) Extract
Shake vigorously
for at least 1.5 minutes;
do not exceed 2.5 minutes^C

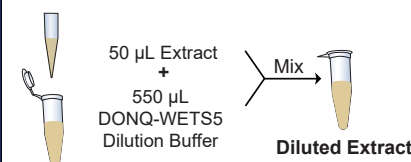


(5) Clarify
Centrifuge^D

Corn, Wheat



Barley



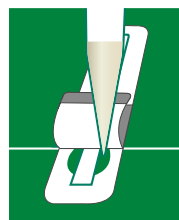
(6) Dilute
Prepare Diluted Extract

Test Procedure



(1)
Place test strip in ROSA Incubator or
Charm EZ-M system.

For Charm EZ-M system select appropriate
test (DONQ-WETS5), commodity and dilution
if prompted.



(2)
Peel tape.

Pipet 300 µL **Diluted Extract**
into sample compartment.

Reseal tape.

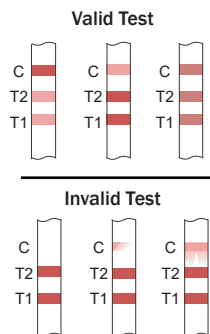


(3)
Close lid.

Incubate for 5 minutes.

Read Result

(1) Inspect test strip



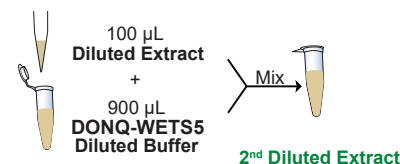
(2) Read result with ROSA-M Reader or Charm EZ-M system

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

Charm EZ-M system: Select appropriate test (DONQ-WETS5), commodity and dilution if prompted.

Sample (Dilution)	MATRIX	Quantitation Range	LOD
Diluted Extract (DE)	00	0.5 to 5.4 ppm	0.25 ppm
2nd Diluted Extract (2ND DE)	01	4 to 30 ppm	-

For quantitation of 4 to 30 ppm:



(1) Prepare **2nd Diluted Extract**

(2) Repeat Test Procedure (steps 1, 2, 3)
with **2nd Diluted Extract**

(3) Read Result