

VertuTM TOUCH Procedure for Feed

Consumable kit reorder number: 176005226JK

- The test should be performed at ambient temperature 18–30 °C (64–86 °F).
- Bring kit components to ambient temperature if stored below 18 °C.
- Do not open the strip pouch until ready to use the strip.

1

To calibrate the Vertu TOUCH reader:

- ▶ Scan the DON-V (J)¹ or DON-V (K)² barcode for the Lot# of strips being used.

[Barcode remains stored in Vertu TOUCH reader for future use.]



5

- ▶ Transfer 100 µL of extract from step 4 to the DON-V strip by dropping (~1 drop/second) vertically into the sample well.
- ▶ Allow the strip to develop for exactly 5 minutes on a flat surface.



2

- ▶ Weigh 5 g ± 0.1 g finely ground sample into Vertu PREP tube.
- ▶ Add 30 mL of purified water to Vertu PREP tube.
- ▶ Close the lid, shake briefly to suspend all sample into liquid.



6

- While strip test develops, enter the sample ID into Vertu TOUCH reader.
- ▶ Fully insert the DON-V strip into the Vertu TOUCH (the round opening in first)
- ▶ Press [Start Measurement] key on touch screen to read result.



3

- ▶ Set Vertu PREP mixer timer for 90 seconds. Push down and twist to lock in place; the mixer will start and stop automatically.
- ▶ Pour the extract into a V-Filter with cup for no more than 5 minutes.



7

- ▶ Press [Print] to print the result.
- ▶ Press [Same Barcode] to run the next test using the same lot of strips.
- ▶ Press [Change Barcode] to change the method or lot of strips being used.



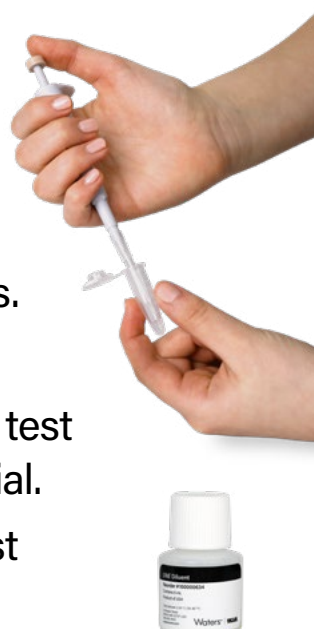
4

Barcode J:

- ▶ Mix 200 µL of water + 100 µL of extract in a strip test vial; then transfer 100 µL to a NEW strip test vial.
- ▶ Add 200 µL ONE Diluent into the new strip test vial, cover and mix well by shaking 3 times.

Barcode K:

- ▶ Mix 1 mL of water + 100 µL of extract in a strip test vial; then transfer 100 µL to a NEW strip test vial.
- ▶ Add 200 µL ONE Diluent into the new strip test vial, cover and mix well by shaking 3 times.



Scan barcode to download the Strip Test Reference Guide

For additional information, please visit vicam.com/docs/vertu-strip-test-reference-guide

Strips and diluent should be stored at 2–30 °C (36–86 °F)

1. Barcode J Range: 0–10 ppm (Limit of detection: 0.20 ppm)

2. Barcode K Range: 0–40 ppm (Limit of detection: 0.80 ppm)

For corn silage/TMR, must be dried before testing.

Orders:
Email: orders@vicam.com

Technical Support:
Email: techservice@vicam.com

Tel: +1-800-338-4381 or +1.508.482.4935

715008394 Rev B, November 2025, IH

©2025 Waters Corporation. Waters, DON-V, VICAM, and VERTU are trademarks of Waters Corporation.

WatersTM | VICAMTM

www.vicam.com