

# Vertu™ TOUCH Procedure for Sunflower Seeds

Consumable kit reorder number: 176004972GJ

- Use strips at room temperature 20–25 °C (68–77 °F).
- Bring the strip to ambient temperature if necessary.

- Do not open the strip pouch until ready to use the strip.

1

To calibrate the Vertu TOUCH reader:

- ▶ Scan the Afla-V (**G** for **kernel/without shell** or **J** for **in-shell** sunflower seeds)<sup>1</sup> barcode for the lot of strips being used.

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



5

While strip test develops, enter the sample ID into Vertu TOUCH reader.

- ▶ Fully insert the Afla-V strip into the Vertu TOUCH (the round opening in first).
- ▶ Press [**Start Measurement**] key on touch screen to read result.



2

- ▶ Weigh 5 g ± 0.1 g finely ground sample into Vertu PREP tube.
- ▶ Add 25 mL of **AQUA Premix** to Vertu PREP tube.
- ▶ Close the lid, shake briefly to suspend all sample into liquid.



6

- ▶ 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.



3

- ▶ Set Vertu PREP mixer timer for 30 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.



4

- ▶ Transfer 100 µL of filtered extract to the Afla-V strip by dropping (~1 drop/second) vertically into the sample well.
- ▶ Start the timer and allow the strip to develop for exactly 5 minutes on a flat surface.



Scan barcode to download the Strip Test Reference Guide

For additional information, please visit [vicam.com/docs/vertu-strip-test-reference-guide](http://vicam.com/docs/vertu-strip-test-reference-guide)

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

Store AQUA Premix at room temperature

<sup>1</sup> Barcode **G** & **J** Limit of detection: 2.5 ppb; Range: 0–40 ppb

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