

IKA Procedure for Peanuts and Peanut Paste

Consumable kit reorder number: 176004261PP

- Use strips at room temperature 20–25 °C (68–77 °F).
- Bring the strip to room temperature if necessary.
- Do not open the strip pouch until ready to use the strip.

1

Calibrate the Vertu reader by scanning in the Afla-V AQUA barcode for peanuts or peanut paste for the lot of strips being used.



4

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



2

Weigh 10 g ± 0.1 g ground sample into IKA extraction tube. Add 50 mL AQUA Premix to extraction tube.



5

Insert the Afla-V HS strip into the Vertu. Press the center key to take a reading. To print, use the arrow keys to move the cursor to "P" and press the center button.



3

Cover the tube and place on IKA mixer set at 6000 rpm for 30 seconds. Turn on mixer. Filter the extract into a V Filter Cup for no more than 5 minutes.



6

To run the next sample, use the arrow keys to move the cursor to "NT" and press the center button on the keypad.



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

Store AQUA Premix at room temperature

Peanuts: Limit of Detection 2 ppb, Range: 0–100 ppb

Peanut Paste: Limit of Detection 2 ppb, Range: 0–75 ppb



Scan barcode to download the Strip Test Reference Guide

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



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