

# microBIOMETER® Compost Tea and Extract Testing Procedure



1

## microBIOMETER® App

Create an account on the app and log in. Click the Start the Test button. Choose which medium you are measuring (compost tea or compost extract). Click the Start the test from the beginning button.



2

## ADD TEA OR EXTRACT

Fill the capped measuring tube to the top with the compost tea or extract and add it to an extraction tube.



3

## ADD EXTRACTION POWDER

Tear open the extraction powder packet and empty the contents into the extraction tube.



4

## MIX SOLUTION

Let the whisker rest in the mouth of the tube. No hands are needed. Mix the solution for 30 seconds using the timer provided in the app. The rotating motion of the whisker aids in the extraction process.



7

## SETTLE SOLUTION

Let the extraction tube settle for 5 minutes. Use the timer provided in the app. After the time has elapsed, tap the bottom of the tube 3-4 times on a hard surface to settle floating debris. Let the extraction tube settle for an additional 15 minutes.



8

## SAMPLE SOLUTION

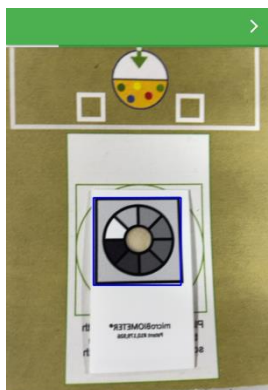
Use a small pipette to draw up liquid from about 1 inch below the surface, avoiding any debris.



9

## PLACE DROPS ON TEST CARD

Apply 3 drops of the solution onto the sample window. Allow each drop to completely settle in before adding the next drop. Avoid wetting the printed grayscale surrounding sample window.



10

## ANALYZE WITH THE APP

Center the test card on the white region of the supplied background. Start analysis 2 minutes after applying drops. Align the blue square on the screen with the black square on the sample card. The blue square is a guide – it will turn green when the app is successfully reading the card.