

Sulfite Test Kit

1 drop = 3 ppm as SO_3 / 25 mL

TK3523-Z

orange caps

KIT COMPONENTS:

PI8053-B	Sulfite Titrant, 60 mL
PH1605-A	Phenolphthalein Indicator, 30 mL
ST5205-H	Starch Acid Powder, 10g
VL-1005-V	Vial, 10-50 mL

INTERFERENCES: All oxidizable substances such as Organic Matter, Sulfides and Nitrites, are positive interferences. Metals, namely copper, can stop or slow the chemical reaction. Adding one Sulfamic Acid powder pillow to the sample immediately following collection will minimize the interference. Sample should be covered and cooled to room temperature before testing. Exposure to air can be a negative interference.

SAFETY TIPS:



Wear
Gloves



Use Eye
Protection



Read
SDS

TESTING TIPS:



Collect
Accurate
Sample



Hold
Bottles
Vertically

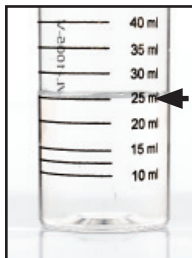


Ensure
Proper
Lighting

ATTENTION: As necessary, calibrate this kit against a known standard made with plant / make-up water. Be sure to collect a representative sample.

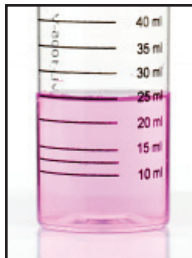
- Cool the sample to room temperature
- Run test immediately after collecting and cooling the sample.

1 Rinse vial three times with sample to be tested. **Fill vial to 25 mL.**



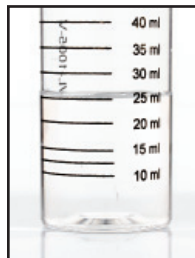
STEP 1

2 Add 1 drop of **Phenolphthalein Indicator** (PH1605) and swirl to mix. The sample should turn pink.



STEP 2

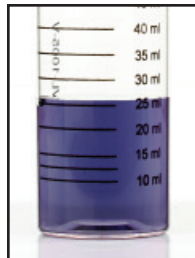
3 Add **Starch Acid Powder** (ST5205) one scoop at a time, swirling after each scoop, until the sample color changes from pink to colorless. Then, add two more scoops.



STEP 3

4 Add **Sulfite Titrant** (PI8053) one drop at a time while swirling. Count the number of drops until the sample color changes from colorless to blue.

$$\# \text{ drops} \times 3 = \text{ppm as SO}_3$$



STEP 4