Sulfite Test Kit

1 drop = 2 or 10 ppm as Na_2SO_3 / 25 mL

TK3520-Z

orange caps

KIT COMPONENTS:

PI8056-B	Sulfite Titrant Low, 60 mL
PI8063-B	Sulfite Titrant High, 60 mL
HA6310-B	Hydrochloric Acid 10%, 60 mL
ST5005-B	Starch Indicator Solution 0.5%, 60 mL
VL-1005-V	Vial, 10-50 mL

SAFETY TIPS:


Wear Gloves


Use Eye Protection

Read SDS

TESTING TIPS:


Collect Accurate Sample


Hold Bottles Vertically


Ensure Proper Lighting

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.

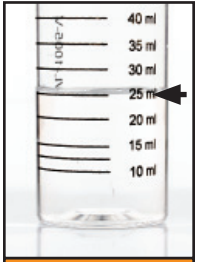
ATTENTION: As necessary, calibrate this kit against a known standard made with plant / make-up water. Be sure to collect a representative sample.

EndPoint ID®
Test Procedure

Sulfite Test Kit TK3520-Z

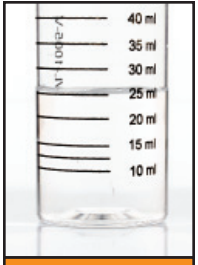
- *Cool the sample to room temperature*
- *Run test immediately after collecting and cooling the sample.*

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



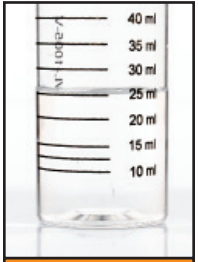
STEP 1

2 **Add 15 drops of Hydrochloric Acid 10%** (HA6310) and swirl to mix.



STEP 2

3 **Add 5 drops of Starch Indicator Solution 0.5%** (ST5005) and swirl to mix.

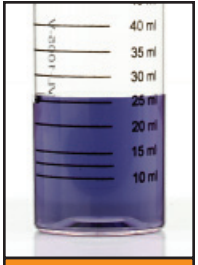


STEP 3

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

Sulfite Titrant Low (PI8056)
drops x 2 = ppm as Na_2SO_3

Sulfite Titrant High (PI8063)
drops x 10 = ppm as Na_2SO_3



STEP 4