



Hydrogen Sulfide Test Kit

HS-C1 (2537801)

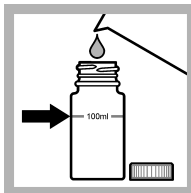
DOC326.97.00103

Test preparation

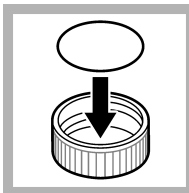
CAUTION: ⚠ *Review the Safety Data Sheets (MSDS/SDS) for the chemicals that are used. Use the recommended personal protective equipment.*

- Analyze the samples immediately. The hydrogen sulfide concentration decreases quickly after the sample is collected.
- Rinse the bottle with sample before the test. Rinse the bottle with deionized water after the test.
- Wash all labware between tests. Contamination can change the test result. Clean with a non-abrasive detergent or a solvent such as isopropyl alcohol. Rinse with deionized water. Wipe and dry with a soft cloth.
- The test paper is light blue. Small variations in the test paper color do not have an effect on test accuracy.

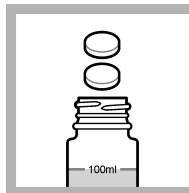
Test procedure—Hydrogen Sulfide (0–5 mg/L H₂S)



1. Fill the bottle to the 100-mL mark with sample.



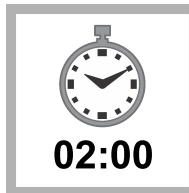
2. Put one Hydrogen Sulfide Test Paper into the bottle cap. Do not get the paper wet.



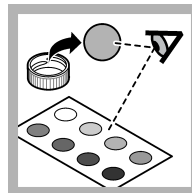
3. Add two Alka-Seltzer tablets to the sample.



4. Immediately tighten the cap on the bottle. The tablets start to dissolve and form bubbles.



5. Wait 2 minutes. The tablets dissolve and the bubbles decrease.



6. After the timer expires, remove the test paper from the cap. Compare the color on the test paper to the colors on the test chart to get the result in mg/L.

Replacement items

Description	Unit	Item no.
Alka-Seltzer® Tablets ¹		User-supplied
Hydrogen sulfide bottle, with cap	each	2532800
Hydrogen Sulfide Test Chart	each	2537900
Hydrogen Sulfide Test Paper	100/pkg	2537733

Optional items

Description	Unit	Item no.
Water, deionized	500 mL	27249

¹ Alka-Seltzer is a registered trademark of Bayer HealthCare LLC.

