



Hydrogen Sulfide Test

0 to 5 mg/L H₂S

For test kit 2537800 (Model HS-C)

DOC326.98.00022

Additional copies available on www.hach.com

Test preparation

- Rinse bottle with the sample water before testing. Rinse bottle with deionized water after testing.
- Wash all labware between tests. Contamination may alter test results. Clean with a non-abrasive detergent or a solvent such as isopropyl alcohol. Rinse with deionized water. Wipe and dry with a soft cloth.
- **Perform this test immediately after sampling.** Water that is aerated or allowed to stand will lose most of the hydrogen sulfide through aeration and oxidation.
- Test paper circles should be pale blue. Slight variations in the color of the test paper will not affect test results.
- Use only Alka-Seltzer tablets that do not contain aspirin. All other formulations of Alka-Seltzer will generate excess pressure and cause inaccurate test results.

CAUTION: Handle chemical standards and reagents carefully. Review Material Safety Data Sheets for safe handling, storage and disposal information.

Replacement items

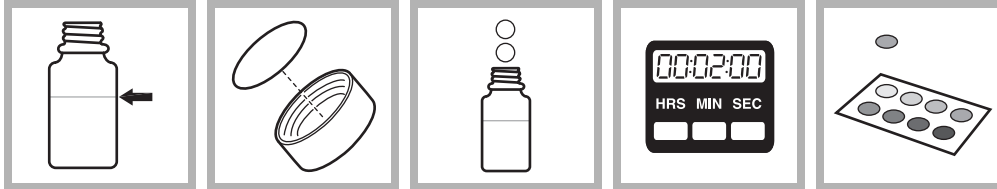
Description	Unit	Catalog no.
Alka-Seltzer® Tablets, without aspirin ¹	36	1453300
Hydrogen Sulfide Bottle, with cap	each	2532800
Hydrogen Sulfide Test Chart	each	2537900
Hydrogen Sulfide Test Papers	100/pkg	2537733

¹Alka-Seltzer is a registered trademark of Miles Laboratories, Inc.

Optional items

Description	Unit	Catalog no.
Deionized Water	500 mL	27249

Test procedure



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

2. Put a circle of Hydrogen Sulfide Test Paper inside the sample bottle cap. Do not get the paper wet.

3. Add two Alka-Seltzer tablets to the sample bottle. Cap the bottle immediately.

4. Wait two minutes for the tablets to dissolve and the effervescence to subside.

5. Remove the test paper from the cap. Compare the color of the test paper to the color on the color chart.