

# SULFATE TEST KIT

Model SF-1

Cat. No. 2251-00



**To ensure accurate results, please read carefully before proceeding.**

The sample mixing bottle, graduated cylinder and dipstick should be cleaned thoroughly after each use. If this is not done, a white film will form on the wall of the apparatus.

## **Test Instructions:**

1 Fill the sample mixing bottle to the 25-mL mark.

***WARNING: The chemical in this kit may be hazardous to the health and safety of the user if inappropriately handled. Please read all warnings before performing the tests and use appropriate safety equipment.***

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2. Use the clippers to open one SulfaVer® 4 Powder Pillow. Add the contents of the pillow to the mixing bottle. Press the cap on tightly and shake the bottle for 15 seconds.
3. A white turbidity will appear if sulfate is present.
4. Allow the sample to stand five minutes.
5. Invert the bottle to mix any solids left on the bottom. Remove the cap on the mixing bottle and slowly pour the contents into the clean 25 mL graduated cylinder
6. Hold the cylinder in a vertical position. While looking straight down into the cylinder slowly insert the sulfate dipstick down into the cylinder until the black dot disappears completely. Hold the dipstick in that position and rotate the cylinder so you view the scale on the dipstick through the non-graduated portion of the cylinder
7. Read the concentration by looking across the surface of the sample to the scale on the dipstick. The number on the dipstick scale that meets with the surface of the sample corresponds to mg/L of sulfate in the sample.
8. If the black dot disappears before the first test mark (200 mg/L), the concentration of sulfate is greater than 200 mg/L. If the black dot does not disappear after the dipstick is inserted to the cylinder bottom, the sulfate concentration is less than 50 mg/L.

## Replacements

<b>Cat. No.</b>	<b>Description</b>	<b>Unit</b>
12065-66	SulfaVer 4 Powder Pillows.....	pkg/50
46814-00	Dipstick, Sulfate Measure .....	each
24102-00	Bottle, mixing, plastic .....	pkg/2
968-00	Clippers.....	each
2172-40	Cylinder, graduated, polymethylpentene .....	each

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