

## To Prepare the 0.5 ppm Hydrogen Peroxide Standard

1. While holding the double-tipped ampoule in a vertical position, tap the liquid out of the upper tip, then snap the upper tip with the tip breaking tool.
2. Invert the ampoule and position the open end over a 100 mL volumetric flask. Snap the upper tip and allow contents of the ampoule to drain into the flask.
3. Briefly touch the lower tip of the ampoule to the inner edge of the flask opening to facilitate draining, but do not attempt to tap out all remaining liquid. A small amount of liquid will remain in the ampoule.
4. Dilute the contents of the 100 mL volumetric flask to the mark with distilled water. Cap the flask and invert it to mix the contents well.

**NOTE:** The 0.5 ppm standard is stable for 24 hours in a closed flask stored in the dark at room temperature.

