CONTAINERS NEEDED FOR LABORATORY EXPERIMENTS

Most of the experiments in the CHE 226 Laboratory require the student to turn in a clean, labeled container **at least one laboratory period before** the period in which the experiment will be performed. The Teaching Assistants will dispense your unknown for the experiment into this container. Wash the container thoroughly with soap and water and rinse thoroughly with deionized water. Volumetric flasks do NOT need to be dry inside. Glass weighing bottles (for solid unknowns) must also be DRY.

The container must be labeled with your name, section number, and the number of the experiment. Use a fine permanent marker pen to label your container, NOT a paper or tape label.

Unknowns will NOT be issued on the day you wish to do the experiment if you have not submitted a proper container ahead of time. Plan your work. The Teaching Assistants simply do not have the time right at the start of a busy laboratory period to take the 10 to 30 minutes required to prepare and issue an unknown.

EXPERIMENT CONTAINERS

1. **Laboratory Techniques**. No container needed. An Al slug and a set of pennies will be issued you in stoppered glass vials.

2. **Gravimetric Analysis, Cl**. Glass-stoppered weighing bottle, **DRY**.

3. **EDTA Titration, Zn**. 250-mL volumetric flask.

4. **Flame Photometry, Na**. 100-mL volumetric flask.

5. **Absorption Spectroscopy, Fe**. 100-mL volumetric flask.

6. **Fluorescence, Quinine**. 500-mL volumetric flask.

7. **pH Titration, Acids**. Glass-stoppered weighing bottle, **DRY**.

8. **Electrogravimetry, Cu**. 100-mL volumetric flask.

9. **Kinetics, Glucose Assay.** *No container needed*. An unknown will be issued to you in a 50-ml volumetric flask provided by the instructor(s).

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