

## Experiment 3 – Determination of Cu and Pb in Brass

NAME: \_\_\_\_\_

UNKNOWN NUMBER \_\_\_\_\_

TA: \_\_\_\_\_

### Score

<b>Accuracy 180 pts</b>	
<b>Precision 120 pts</b>	

Attach calibration plots for the HPLC, AA and ASV experiments along with data tables that include concentrations and instrument responses.

### Gravimetric Determination of Pb

	Mass % Pb
Trial 1	
Trial 2	
Trial 3	

### Final Result\*

Cu - HPLC		Pb - HPLC	
Mass % Cu	95% C.I.	Mass % Pb	95% C.I.
Cu - AA		Pb - AA	
Mass % Cu	95% C.I.	Mass % Pb	95% C.I.
Cu - ASV		Pb - Gravimetric	
Mass % Cu	95% C.I.	Mass % Pb	95% C.I.

\*Report your result to two decimal places  $\pm$  95% confidence interval