LOCKER/DESK NO.

COURSE & SECTION NO.

SAMPLE CALCULATIONS

Part

$$CIVI = CZVZ$$

$$CL = \frac{(0.00200 \,\text{M})(0.00100 \,\text{L})}{0.0500 \,\text{L}}$$

Partib

Slope of Calibration Curve

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

$$= \frac{0.6 - 0.5}{(1.25 \times 10^{-4}) - (1.05 \times 10^{-4})}$$

and
$$y = 5000$$

De termining the Equilibrium concentration of Fosc NZF

$$[FoSCN2t] = \frac{0.131}{5000}$$

c - x

Determining the Equilibrium constant hc