

		FALL 2014 DATE:
		Experiment: Soln. II
PRE-L	.ABORA	TORY EXERCISE (10 pts)
1.	Define	the term matrix (1 pt)
2.	For the	e standard addition method, answer the following:
	i.	Indicate when this calibration method preferred (over the direct calibration method). (2 pts)
	ii.	Describe how you would prepare the solutions. (2 pts)
	iii.	Draw how should the calibration curve look like (label the axes appropriately). (1pt)

Illustrate how you will estimate the concentration of the analyte in your unknown sample. (1pt)

iv.

3.	. Why did you select the wavelength of maximum absorbance for the analysis? (2pts)
4.	What is the useful range of a standard addition curve? (1pt)