

LABORATORY REPORT SHEET

Name _____ Section _____ Date _____

Conc. Standard Phosphate Solution: 50 ppm

Generation of Standard Curve

Sample	0	1	2	3	4	5
PO ₄ ³⁻ (ppm)	<u>0.0</u>	_____	_____	_____	_____	_____
Absorbance	<u>0.000</u>	_____	_____	_____	_____	_____

Equation of best fit line _____

Absorptivity Coefficient (ϵ) (include units) _____

Include an appropriately labeled graph.

Soft Drink Sample

Name of Soft Drink _____

Dilution _____

Absorbance _____

Concentration of PO₄³⁻
in original sample (ppm) _____

Amount of PO₄³⁻ in a
12 oz. sample (mg) _____