**Ascorbic Acid Method for Phosphorus Determination**

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Course\_\_\_\_\_\_\_Section\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_

Chemical formula of orthophosphate salt used for STOCK solution \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mass of phosphate salt weighed out \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Concentration of STOCK phosphorus solution (in mg P/L) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
|  | Concentration of P  (mg P/L) | Average  Absorbance |
| Standard 1 |  |  |
| Standard 2 |  |  |
| Standard 3 |  |  |
| Standard 4 |  |  |
| Standard 5 |  |  |
| Standard 6 |  |  |
| Unknown Solution | ---------------------- |  |

Concentration of P in unknown solution \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ mg P/L

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ mmol P/L