

## Phosphorus Test Kit

### Photometric UV

### ASSAY PROCEDURE

AUTOMATED PARAMETERS	
Wavelength	340 nm
Cuvette	1 cm light path
Temperature	37 °C
Measurement	Against Reagent Blank
Sample Volume	20 µl
Reagent Volume	1000 µl
Reaction Type	End Point
Incubation	5 mins.
Blank Absorbance Limit	< 0.270
Low Normal	2.5 mg/dl
High Normal	4.5 mg/dl
Linearity	12.0 mg/dl

### MANUAL ASSAY PROCEDURE

#### Pipette into Test Tubes.

	BLANK	STD	SAMPLE
Sample	-	-	20µl
Standard	-	20µl	-
Reagent	1000µl	1000µl	1000µl

Mix well incubates at 37 °C for 5 mins. Measure final absorbance of the sample (Ac) and standard (As) against the reagent blank.

#### SAMPLE DILUTIONS:

- 1. This method is linear upto a concentration of 12 mg/dL. □
2. Dilute samples above this concentration 1:1 with DI Water.
3. Repeat assay. Multiply the result by 2.

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## LINEARITY

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Dilute samples above this concentration 1:1 with DI Water  
Repeat assay. Multiply the result by 2.**

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