BIOBOON BIOTECH LLC

15 P Phosphorus

Phosphorus Test Kit

Photometric UV

For quantitative photometric UV determination of phosphorus.

- Photometric UV
- End Point Assay
- 37°C Reaction Temperature
- 5 Minute Incubation
- 340 nm Wavelength
- For In Vitro Diagnostic Use



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

	BLANK	STD	SAMPLE
Sample	–	–	20 µL
Standard	–	20 µL	–
Reagent	1000 µL	1000 µL	1000 µL

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

SAMPLE DILUTION

This method is linear up to 12 mg/dL. Dilute samples above this concentration 1:1 with DI Water. Repeat assay. Multiply the result by 2.

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