

PHOSPHORUS

Spectrophotometric
PHOSPHOMOLYBDATE/UV

The application parameters comprised here constitute a guide to facilitate the validation of our reagents by the instrument. It is advisable to validate the use when there is any change in software or reagent versions.

Instruments: **CX-4/5/7**

Reagent preparation

Working Reagent: Mix 35 mL Reagent A + 15 mL Reagent B. Mix thoroughly. Stable for 12 months at 15-30 °C.

Instrument settings

Test Name	PHOSPHORUS	Calculation Factor	0
Reaction Type	ENDPOINT 2	Math Model	LINEAR
Reaction Direction	POSITIVE	Cal. Time Limit	336 hr.
Units	mg/dL	N° of Calibrators	1
Decimal Precision	X.X	Secondary Wavelength	700 nm
Primary Wavelength	340 nm		
Sample Volume	3 µL	CALIBRATION	MULTIPOINT SPAN
Primary Inject Reagent		N° 1	*
A:	300 µL	N° 2	
B:		N° 3	
C:		N° 4	
		N° 5	
		N° 6	
REAGENT BLANK		REACTION	
Start Read	180	Start Read	60
End Read	300	End Read	300
Low ABS Limit	-0.100	Low ABS Limit	0.000
High ABS Limit	2.000	High ABS Limit	2.000
USABLE RANGE		SUBSTRATE DEPLETION	
Lower Limit	0.0	Initial Rate	99.999
Upper Limit	20.0	Delta ABS	2.000
		* assigned standard value	