

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.

Instrument: SPECTRUM CCX

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 DEFINITION			
ENTRY NAME	PHOS	SAMPLE (µL) NORMAL	5.0
REPORT NAME	PHOSPHORUS	LOW	
RATIO REF.	PHOS	HIGH	2.5
TEST NUMBER	***	UNITS PRIM	mg/dL
TEST TYPE	CALIBRATED	SEC. UNIT FACTOR	
MATH	1 PT CAL FACTOR END PT	PRINT DIGITS	0
REACTION DIRECTION	UP	INST MUL 1.000 INT 0.000	
REAGENTS	1	NORMAL (C)	2.7 TO 4.5
TEMPERATURE	37	SAMPLE DISP. DELAY (sec.)	0
TEST BLANK TYPE	REAGENT BLANK		
LINEAR MODEL CALIBRATION DEFINITION			
TEST NAME	PHOS	TEST TYPE	CALIBRATED
COMB. TEST		MATH MODEL	LIN REG END PT
CAL MODE	CAL ON CMD	CAL INTERVAL (hr.)	720
INTCPT TOL (C)	-1000.00 TO 1000.00	REF CAL FACTOR	*
% TOL OF CAL FACTOR	10	% TOL OF CAL	10
CAL LEVEL	0	REPLICATES	
CALIBRATOR	LEVEL (C)		
WATER	0.000	1	
MCC1	***	1	
MCC2	***	1	
MCC3	***	1	
TEST PARAMETER FILE: REAGENT DEFINITION			
REAGENT NAME	PHOS	1 FOR TEST PHOSPHORUS	
REAGENT VOL (µL) NORM	236	LINEARITY [C]	0.500 TO 20.0
LOW	0.00	INITIAL Ad	0.320
HIGH	236	ABS LIMIT (Ad)	1.16
FIRST READ TIME (sec)	120	REAGENT BLANK	
LAST READ TIME (sec)	360	BEFORE WASH CYCLES	18
NUMBER OF READS	1	AFTER WASH CYCLES	18
READ INTERVAL (sec)	60	MIX TIME (sec)	1:00
AUX REAG DISP (sec)	0	COOLING	NO
RSM	0	CONSTANT INTERCEPT	0.000
PRIM SEC USE IN CONST E.F. LOW HIGH		SPECTRAL CORRECTION	
340 / 380 A 1.00 0.00 0.00 0.00			