

α-AMYLASE

Continuous-spectrophotometric
DIRECT SUBSTRACT

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

Reagent is ready to be used.

Instrument settings

TEST DEFINITION									
ENTRY NAME	AMYL		SAMPLE (μL)	NORMAL					5.0
REPORT NAME	AMYLASE DIRECT			LOW					
RATIO REF.	AMYL			HIGH					2.5
TEST NUMBER	***		UNITS PRIM					U/L	
TEST TYPE	CALIBRATED		SEC. UNIT FACTOR					1	
MATH	LIN REG RATE KIN BL		PRINT DIGITS						
REACTION DIRECTION	UP								
REAGENTS	1		INST MUL	1.000	INT	0.000			
TEMPERATURE	37		NORMAL (C)					0 TO 60	
TEST BLANK TYPE	REAGENT BLANK		SAMPLE DISP. DELAY (sec.)					0	
LINEAR MODEL CALIBRATION DEFINITION									
TEST NAME	AMYL		TEST TYPE					CALIBRATED	
COMB. TEST			MATH MODEL					LIN REG RATE KIN BL	
TOLERANCE RANGE (ABS/MIN)	-10000.00 TO 1000.00		CAL INTERVAL (hr.)					720	
CALIBRATOR	LEVEL (C)		REPLICATES						
WATER	0.000		1						
TEST PARAMETER FILE: REAGENT DEFINITION									
REAGENT NAME	AMYL		REAGENT NUMBER	1 FOR TEST AMYLASE				0.00 TO 1300	
			LINEARITY [C]						
REAGENT VOL (μL) NORM	250		INITIAL Ad					0.01	
LOW	0.0		ABS LIMIT (Ad)					2.40	
HIGH	250		REAGENT BLANK						
FIRST READ TIME (sec)	60		BEFORE WASH CYCLES					18	
LAST READ TIME (sec)	240		AFTER WASH CYCLES					18	
NUMBER OF READS	4		MIX TIME (sec)					1:00	
READ INTERVAL (sec)	60		COOLING					YES	
AUX REAG DISP (sec)	0		CONSTANT INTERCEPT					0.00	
RSM	0		SPECTRAL CORRECTION					0.00	
PRIM	SEC	USE IN	CONST	E.F.	LOW	HIGH			
412	/ 452	A	1.00	4.08	0.00	0.00			