α-AMYLASE

Continuous-spectrophotometric
IFCC

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: Pour the contents of the Reagent B into the Reagent A bottle. Mix gently. Other volumes can be prepared in the proportion: 4 mL Reagent A + 1 mL Reagent B. Stable for 20 days at 2-8ºC.

Instrument settings

TEST DEFINITION			
ENTRY NAME	AMYL	SAMPLE (µL) NORMAL	10
REPORT NAME		LOW	
	AMYLASE IFCC		
RATIO REF.	AMYL	HIGH	5.0
TEST NUMBER	***	UNITS PRIM	U/L
TEST TYPE	CALIBRATED	SEC. UNIT FACTOR	
MATH	LIN REG RATE KIN BL	PRINT DIGITS	1
REACTION DIRECTION	UP		
REAGENTS	1	INST MUL 1.000 INT 0.000	
TEMPERATURE	37	NORMAL (C)	28 TO 100
TEST BLANK TYPE	REAGENT BLANK	SAMPLE DISP. DELAY (sec.)	0
LINEAR MODEL CALIBRATION DEFINITION			
TEST NAME	AMYL	TEST TYPÈ	
			CALIBRATED
COMB. TEST		MATH MODEL	LIN REG RATE KIN BL
		CAL INTERVAL (hr.)	720
TOLERANCE RANGE (ABS/MIN)	-10000.00 TO 1000.00		
CALIBRATOR	LEVEL (C)	REPLICATES	
WATER	0.000	1	
TEST PARAMETER FILE: REAGENT DEFINITION			
	REAGENT NUMBER	1 FOR TEST AMYLASE	
REAGENT NAME		LINEARITY [C]	0.00 TO 1300
	AMYL		
REAGENT VOL (µL) NORM	300	INITIAL Ad	0.01
LOW	0.0	ABS LIMIT (Ad)	2.40
HIGH	300	REAGENT BLANK	No
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 /	500	A	1.00	6.97	0.00	0.00

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