

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.

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

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 2-8°C.

Instrument settings

Test Name	AMYLASE	Calculation Factor	6000
Reaction Type	RATE 1	Math Model	LINEAR
Reaction Direction	POSITIVE	Cal. Time Limit	336 hr.
Units	U/L	N° of Calibrators	0
Decimal Precision	X	Secondary Wavelength	520 nm
Primary Wavelength	410 nm		
Sample Volume	6 µL	CALIBRATION	MULTIPOINT SPAN
Primary Inject Reagent		N° 1	
A:	200 µL	N° 2	
B:		N° 3	
C:		N° 4	
		N° 5	
		N° 6	
REAGENT BLANK		REACTION	
Start Read	270	Start Read	120
End Read	300	End Read	240
Low ABS Limit	-1.500	Low ABS Limit	-1.500
High ABS Limit	1.500	High ABS Limit	1.500
USABLE RANGE		SUBSTRATE DEPLETION	
Lower Limit	3	Initial Rate	0.15
Upper Limit	1300	Delta ABS	1.500
		* assigned standard value	