

# 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: **COBAS MIRA / MIRA Plus**

### 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

<b>GENERAL</b>			<b>CALCULATION</b>		
MEASUREMENT MODE	ABSORB		SAMPLE LIMIT	NO	SPACE
REACTION MODE	R-S	1	REACTION DIRECTION	INCREASE	1
CALIBRATION MODE	FACTOR	1	CHECK	OFF	2
REAGENT BLANK	REAG/DIL	2	CONVERSION FACTOR		1
CLEANER	NO	1	OFFSET		0
WAVELENGTH	405 nm	2	TEST RANGE LOW		0
DECIMAL POSITION		0 (U/L)	HIGH		1300
UNIT		21 (U/L)	NORM RANGE LOW	U/L	28
			HIGH	U/L	100
				U/L	
<b>ANALYSIS</b>			NUMBER OF STEPS		1
POST DIL. FACTOR		NO	CALCULATION STEP A	KINSEARCH	3
CONC. FACTOR		NO	READING FIRST		6
		SPACE			
SAMPLE CYCLE		3	LAST		13
VOLUME		3.7 µL	REACTION LIMIT	NO	SPACE
DILUTION NAME	H2O	0			
VOLUME		20 µL	<b>CALIBRATION</b>		
REAGENT CYCLE		1	CALIB. INTERVAL	ON REQUEST	3
VOLUME		125 µL	TIME	NO	SPACE
			BLANK RANGE LOW	NO	
			HIGH	NO	
			REAGENT RANGE LOW	NO	SPACE
			HIGH	NO	SPACE
			FACTOR		5814