

# CALCIUM

Spectrophotometric  
ARSENAZO III

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

Reagent is ready to be used.

### Instrument settings

<b>GENERAL</b>		<b>ABSORB</b>		<b>CALCULATION</b>			
MEASUREMENT MODE		R- S	1	SAMPLE LIMIT	NO	SPACE	
REACTION MODE		SLOPE AVG	2	REACTION DIRECTION	INCREASE		1
CALIBRATION MODE		REAG/DIL	2	CHECK	ON		1
REAGENT BLANK		NO	1	CONVERSION FACTOR			1
CLEANER		600 nm	5	OFFSET			0
WAVELENGTH				TEST RANGE LOW			0
DECIMAL POSITION			1 (mg/dL)	HIGH			18 mg/dL
UNIT			12 (mg/dL)	NORM RANGE LOW			9.0 mg/dL
				HIGH			10.7 mg/dL
<b>ANALYSIS</b>				NUMBER OF STEPS			1
POST DIL. FACTOR	NO	SPACE		CALCULATION STEP A	ENDPOINT		1
CONC. FACTOR	NO	SPACE		READING FIRST			1
SAMPLE CYCLE			3	LAST			6
VOLUME			4 µL				
DILUTION NAME	H2O		0	<b>CALIBRATION</b>			
VOLUME			10 µL	CALIB. INTERVAL	ON REQUEST		3
REAGENT CYCLE			1	TIME	NO	SPACE	
VOLUME			225 µL	BLANK RANGE LOW	-0.050 ΔA		
				HIGH	0.050 ΔA		
<b>STANDARD POS.</b>		(*)					
STD-1		(**)					
(*) Enter the position of the CAL rack							
(**) Enter the value of the calibrator							