

# 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.

## Instrument: SATURNO 300 (=HUMASTAR 300, ANAQUIM 300)

### Reagent preparation

Reagent is ready to be used.

### Instrument settings

<b>GENERAL</b>			<b>FILTERS</b>	
Test Name		Ca	First	620
Meas. Unit		mg/dL	Second	0
Decimal		2	Bichromatic Factor	1
<b>REFERENCE</b>			<b>REACTION</b>	
	<b>Min</b>	<b>Max</b>	Type	End Point
Boy	8.6	10.3	Read Time	1
Girl	8.6	10.3		
Age Limit	...		<b>CHECK ABSORBANCE</b>	<b>(mAbs)</b>
Male	8.6	10.3	R. Blank (min)	-100
Female	8.6	10.3	R. Blank (max)	550
Age Limit	...		Substr. Dept Lim	0
Male	8.6	10.3	<b>CALCULATION</b>	Multistandard
Female	8.6	10.3	Factor	-
<b>LINEARITY LIMIT</b>		18 mg/dL	Std. 1	*
<b>QUALITY CONTROL</b>			Std. 2	-
Repeat control every (hrs.)		...	Std. 3	-
<b>SAMPLE</b>			Std. 4	-
Voluma (µL)		5	Std. 5	-
Predil.ratio			Reag. Bias Subst	No
<b>REAGENTS</b>	<b>First</b>	<b>Second</b>	<b>LINEAR CORRELATION</b>	
Features		-	Intercept	0
Volumes (µL)	333	0	Slope	1
Incub. (sec.)	140	0		
Cooling	Yes	0		
Stabil. (hrs)	99	99		
Lot Number	...	...		
Bottles type	1	-		
ID First	...	...		
ID Second	...	...		
			(...) Values entered by the operator	
			(*) Enter the value of the calibrator	