MAGNESIUM

Spectrophotometric
CALMAGITE

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

GENERAL		
Test Name		Mg
Meas. Unit		mg/dL
Decimal		2
REFERENCE	Min	Max
Boy	1.7	2.4
Girl	1.7	2.4
Age Limit	...	
Male	1.7	2.4
Female	1.7	2.4
Age Limit	...	
Male	1.7	2.4
Female	1.7	2.4
LINEARITY LIMIT		4 mg/dL
QUALITY CONTROL		
Repeat control every (hrs.)		...
SAMPLE		
Voluma (µL)		3
Predil.ratio		
REAGENTS	First	Second
Features		-
Volumes (µL)	300	0
Incub. (sec.)	140	0
Cooling	Yes	0
Stabil. (hrs)	99	99
Lot Number	...	...
Bottles type	1	-
ID First	...	...
ID Second	...	...

FILTERS	
First	520
Second	0
Bichromatic Factor	1
REACTION	
Type	End Point
Read Time	1
CHECK ABSORBANCE	(mAbs)
R. Blank (min)	-100
R. Blank (max)	650
Substr. Dept Lim	0
CALCULATION	Multistandard
Factor	-
Std. 1	*
Std. 2	-
Std. 3	-
Std. 4	-
Std. 5	-
Reag. Bias Subst	No
LINEAR CORRELATION	
Intercept	0
Slope	1

(...) Values entered by the operator
(*) Enter the value of the calibrator

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