



## HOMOGENEOUS ENZYMIC HOMOCYSTEINE REAGENT

### Synchron<sup>®</sup> CX User Defined Parameters:

#### INSTRUMENT PARAMETERS:

Test name:	User Defined	Blank	
Reaction Type:	RATE1	Start Read:	100 sec
		End Read:	116 sec
Units:	µmol/L	Reaction 1	
Decimal Precision:	X.X	Start Read:	357 sec
Reaction Direction:	NEGATIVE	End Read:	632 sec
Calculation Factor:	0	Reaction 2	
Math Model:	Linear	Start Read:	n/a
Cal. Time Limit:	120 hrs.	End Read:	n/a
Number of Calibrators:	2	USABLE RESULT RANGE:	
#1:	0.0	Lower Limit:	0.7
#2:	*	Upper Limit:	50
Primary Wavelength:	340 nm	ERROR DETECTION LIMITS:	
Secondary Wavelength:	380 nm	Reagent Blank/Blank	
Sample Volume:	25 µl	Low ABS Limit:	-1.500
		High ABS Limit:	1.500
REAGENTS:		Reaction /Reaction 1	
Primary Inject(first)/First Inject		Low ABS Limit:	-1.500
Compartment/Component:	A	High ABS Limit:	1.500
Volume/Dispense Volume:	179 µl		
Add Time/Inject Time:	n/a	SUBSTRATE DEPLETION:	
Primary Inject (second0/Second Inject		Initial Rate:	-0.125
Compartment/Component:	B	Delta ABS:	1.500
Volume/Dispense Volume:	22 µl		
Add Time/Inject Time:	n/a	MULTI POINT SPAN:	1-2:-0.001 **
Secondary Inject/Third Inject			
Compartment/Component:	C		
Volume/Dispense Volume:	14 µl		
Add Time/Inject Time:	592 sec		

\* Value on Calibrator D vial \*\* Note the minus sign for this parameter.

RESULTS: Results are printed out by the Synchron CX in µmol/L.

Note: Samples with values greater than 50 µmol/L should be diluted 1:3 with the saline and rerun. Multiply results by 3.