

# 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.

## Instrument: **AEROSET**

### 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>OUTLINE</b>		<u>Dil. 2</u>	
Test Name	AMYL	S. Vol.	6.0
Assay #		DS. Vol.	0
Line	B	D. Vol.	0
Linear low	1.0	W. Vol.	0
Min.	1.0	Diluent	Saline
Reference low	28	Reagent 1	200
Reference high	100	W. Vol.	0
Max.	2600	Reagent 2	0
Linear high	1300	W. Vol.	0
<b>BASE</b>		Factor	1.0
Reaction mode	Rate up	Intercept	0.0
Primary Wavelength	404	Decimal places	0
Secondary Wavelength	476	Units	U/L
Main read time	4-7	<b>CALIBRATION</b>	
Flex read time	2-5	<u>Calibration mode</u>	Factor
Abs. Max. Var.	N/A	Factor	3239
Linearity %	10	Use cal. Factors from	N/A
Sample Blank Test	N/A	Interval	720 Hrs.
Blank read time	0	Blank/cal. Replicates	3/0
Abs. Limits	0-3.0	Blank	Water
Sample volume (µL)	6.0	S. Vol.	6.0
DS. Vol.	0	DS. Vol.	0
D. Vol.	0	D. Vol.	0
W. Vol.	0	W. Vol.	0
<u>Dil. 1</u>		C1 C2	--
S. Vol.	3.0	S. Vol.	0
DS. Vol.	0	DS. Vol.	0
D. Vol.	0	D. Vol.	0
W. Vol.	0	W. Vol.	0
(*) Enter the value of the calibrator			
(**) Enter the position of the calibrator			