

α-AMYLASE

Continuous-spectrophotometric
DIRECT SUBSTRACT

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: **MONARCH**

Reagent preparation

Reagent is ready to be used.

Instrument settings

Identification parameters		Data acquisition parameters	
Test code	...	Analysis type	MIX RUN
Test name	α-AMYLASE (DIRECT)	Temperature	37°C
Test mnemonic	AMY	Early time	10 sec
Optical mode	ABSORBANCE	Delay time	80 sec
Response algorithm	SLOPE	Interval time	30 sec
Result algorithm	FACTOR	N° of data pts.	4
Loading parameters		Filter 1	405 nm
Loading type	LOAD ANALYZE	Filter 2	405 nm
Reagent blank	OFF	Monochromator 1	405 nm
Reference type	DILUENT	Monochromator 2	405 nm
Sample volume	7 µL	Compatibility	10
Sample diluent	33 µL	Data integrity parameters	
Reagent diluent	10 µL	Integrity tests	SLOPE SUBSTRATE DEPLETION STANDARD ERROR NORMAL RANGE
1 st reagent (R1)	150 µL	Integrity parameters	
2 nd reagent (R2)	0 µL	Slope	POSITIVE
1 st reagent bar code	...	Max Delta Abs/Int	0.90
2 nd reagent bar code	...	Lower limit	0 U/L
Data fit parameters		Upper limit	60 U/L
Factor	1072	... To be introduced by the operator	
Units	U/L		
N° of dec. Places	0		