

# PROTEIN

Spectrophotometric  
BIURET

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

<b>Identification parameters</b>		<b>Data acquisition parameters</b>	
Test code	...	Analysis type	MIX RUN
Test name	PROTEIN	Temperature	37°C
Test mnemonic	PROT	Delay time	160 sec
Optical mode	ABSORBANCE	Interval time	30 sec
Response algorithm	FINAL-INITIAL	N° of data pts.	2
Result algorithm	LINEAR	Filter 1	650 nm
<b>Loading parameters</b>		Filter 2	550 nm
Loading type	LOAD ANALYZE	Monochromator 1	650 nm
Reagent blank	ON	Monochromator 2	550 nm
Reference type	DILUENT	Compatibility	10
Calibrator type	MULTI-COMPONENT (...)	<b>Data integrity parameters</b>	
Sample volume	5 µL	Integrity tests	SLOPE NORMAL RANGE MINIMUM ABS/INT MAXIMUM ABS/INT
Sample diluent	35 µL	<b>Integrity parameters</b>	
Reagent diluent	10 µL	Slope	POSITIVE
1 <sup>st</sup> reagent (R1)	200 µL	Lower limit	65 g/L
2 <sup>nd</sup> reagent (R2)	0 µL	Upper limit	80 g/L
1 <sup>st</sup> reagent bar code	...	Minimum abs/int	0.0
2 <sup>nd</sup> reagent bar code	...	Maximum abs/int	0.1
<b>Data fit parameters</b>		... To be introduced by the operator	
Calibrator	...		
Correction mode	NONE		
Units	g/L		
N° of dec. Places	0		