

# DIRECT BILIRUBIN

Spectrophotometric  
DIAZOTIZED SULFANILIC

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

Working Reagent: Transfer the contents of one Reagent B-D vial into a Reagent A-D bottle. Mix thoroughly.  
Stable for 20 days at 2-8 °C.

### Instrument settings

<b>Identification parameters</b>		<b>Data acquisition parameters</b>	
Test code	...	Analysis type	MIX
Test name	DIRECT BILIRUBIN		RUN
Test mnemonic	BIL-D	Temperature	37°C
Optical mode	ABSORBANCE	Delay time	185 sec
Response algorithm	FINAL-INITIAL	Interval time	10 sec
Result algorithm	LINEAR	N° of data pts.	2
<b>Loading parameters</b>		Filter 1	620 nm
Loading type	LOAD	Filter 2	550 nm
	ANALYZE	Monochromator 1	620 nm
Reagent blank	ON	Monochromator 2	550 nm
Reference type	DILUENT	Compatibility	10
Calibrator type	MULTI-COMPONENT (...)	<b>Data integrity parameters</b>	
Sample volume	8 µL	Integrity tests	SLOPE
Sample diluent	5 µL		NORMAL RANGE
Reagent diluent	25 µL	<b>Integrity parameters</b>	
1 <sup>st</sup> reagent (R1)	140 µL	Slope	POSITIVE
2 <sup>nd</sup> reagent (R2)	0 µL	Lower limit	0.0 mg/dL
1 <sup>st</sup> reagent bar code	...	Upper limit	0.25 mg/dL
2 <sup>nd</sup> reagent bar code	...	... To be introduced by the operator	
<b>Data fit parameters</b>			
Calibrator	...		
Correction mode	NONE		
Units	mg/Dl		
N° of dec. Places	2		