

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: SPECTRUM CCX

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

TEST DEFINITION																												
ENTRY NAME	BIL-D																											
REPORT NAME	DIRECT BILIRUBIN																											
RATIO REF.	BIL-D																											
TEST NUMBER	***																											
TEST TYPE	CALIBRATED																											
MATH	1 PT CAL FACTOR END PT																											
REACTION DIRECTION	UP																											
REAGENTS	1																											
TEMPERATURE	37																											
TEST BLANK TYPE	REAGENT BLANK																											
<table border="0"> <tr> <td>SAMPLE (µL)</td> <td>NORMAL</td> <td>10.0</td> </tr> <tr> <td></td> <td>LOW</td> <td></td> </tr> <tr> <td></td> <td>HIGH</td> <td>5.0</td> </tr> <tr> <td>UNITS PRIM</td> <td></td> <td>mg/dL</td> </tr> <tr> <td>SEC. UNIT FACTOR</td> <td></td> <td></td> </tr> <tr> <td>PRINT DIGITS</td> <td></td> <td>1</td> </tr> <tr> <td>INST MUL</td> <td>1.000</td> <td>INT 0.000</td> </tr> <tr> <td>NORMAL (C)</td> <td></td> <td>0.0 TO 0.25</td> </tr> <tr> <td>SAMPLE DISP. DELAY (sec.)</td> <td></td> <td>0</td> </tr> </table>		SAMPLE (µL)	NORMAL	10.0		LOW			HIGH	5.0	UNITS PRIM		mg/dL	SEC. UNIT FACTOR			PRINT DIGITS		1	INST MUL	1.000	INT 0.000	NORMAL (C)		0.0 TO 0.25	SAMPLE DISP. DELAY (sec.)		0
SAMPLE (µL)	NORMAL	10.0																										
	LOW																											
	HIGH	5.0																										
UNITS PRIM		mg/dL																										
SEC. UNIT FACTOR																												
PRINT DIGITS		1																										
INST MUL	1.000	INT 0.000																										
NORMAL (C)		0.0 TO 0.25																										
SAMPLE DISP. DELAY (sec.)		0																										
LINEAR MODEL CALIBRATION DEFINITION																												
TEST NAME	BIL-D																											
COMB. TEST																												
CAL MODE	CAL ON CMD																											
INTCPT TOL (C)	-1000.00 TO 1000.00																											
% TOL OF CAL FACTOR	10																											
CAL LEVEL	0																											
CALIBRATOR	LEVEL (C)																											
WATER	0.000																											
MCC1	***																											
MCC2	***																											
MCC3	***																											
<table border="0"> <tr> <td>TEST TYPE</td> <td>CALIBRATED</td> </tr> <tr> <td>MATH MODEL</td> <td>LIN REG END PT</td> </tr> <tr> <td>CAL INTERVAL (hr.)</td> <td>720</td> </tr> <tr> <td>REF CAL FACTOR</td> <td>***</td> </tr> <tr> <td>% TOL OF CAL</td> <td>10</td> </tr> <tr> <td>REPLICATES</td> <td></td> </tr> <tr> <td></td> <td>1</td> </tr> <tr> <td></td> <td>1</td> </tr> <tr> <td></td> <td>1</td> </tr> <tr> <td></td> <td>1</td> </tr> </table>		TEST TYPE	CALIBRATED	MATH MODEL	LIN REG END PT	CAL INTERVAL (hr.)	720	REF CAL FACTOR	***	% TOL OF CAL	10	REPLICATES			1		1		1		1							
TEST TYPE	CALIBRATED																											
MATH MODEL	LIN REG END PT																											
CAL INTERVAL (hr.)	720																											
REF CAL FACTOR	***																											
% TOL OF CAL	10																											
REPLICATES																												
	1																											
	1																											
	1																											
	1																											
TEST PARAMETER FILE: REAGENT DEFINITION																												
REAGENT NAME	BIL-D																											
REAGENT VOL (µL) NORM	250																											
LOW	0.000																											
HIGH	250																											
FIRST READ TIME (sec)	120																											
LAST READ TIME (sec)	240																											
NUMBER OF READS	1																											
READ INTERVAL (sec)	60																											
AUX REAG DISP (sec)	0																											
RSM	0																											
PRIM SEC USE IN CONST E.F. LOW HIGH	548 / 660 A 1.00 0.00 0.00 0.00																											
<table border="0"> <tr> <td>1 FOR TEST BIL-D</td> <td></td> </tr> <tr> <td>LINEARITY [C]</td> <td>0.000 TO 15.0</td> </tr> <tr> <td>INITIAL Ad</td> <td>0.100</td> </tr> <tr> <td>ABS LIMIT (Ad)</td> <td>0.800</td> </tr> <tr> <td>REAGENT BLANK</td> <td></td> </tr> <tr> <td>BEFORE WASH CYCLES</td> <td>18</td> </tr> <tr> <td>AFTER WASH CYCLES</td> <td>18</td> </tr> <tr> <td>MIX TIME (sec)</td> <td>1:00</td> </tr> <tr> <td>COOLING</td> <td>***</td> </tr> <tr> <td>CONSTANT INTERCEPT</td> <td>0.000</td> </tr> <tr> <td>SPECTRAL CORRECTION</td> <td>0.000</td> </tr> </table>		1 FOR TEST BIL-D		LINEARITY [C]	0.000 TO 15.0	INITIAL Ad	0.100	ABS LIMIT (Ad)	0.800	REAGENT BLANK		BEFORE WASH CYCLES	18	AFTER WASH CYCLES	18	MIX TIME (sec)	1:00	COOLING	***	CONSTANT INTERCEPT	0.000	SPECTRAL CORRECTION	0.000					
1 FOR TEST BIL-D																												
LINEARITY [C]	0.000 TO 15.0																											
INITIAL Ad	0.100																											
ABS LIMIT (Ad)	0.800																											
REAGENT BLANK																												
BEFORE WASH CYCLES	18																											
AFTER WASH CYCLES	18																											
MIX TIME (sec)	1:00																											
COOLING	***																											
CONSTANT INTERCEPT	0.000																											
SPECTRAL CORRECTION	0.000																											