

Tulip Diagnostics (P) Ltd.



### Instrument Calibration Report

Instrument Model: BT1500

Date: 23/07/2021

Serial No: 47194736

MAINTENANCE PROGRAM	<input checked="" type="checkbox"/>
CALIBRATION	<input checked="" type="checkbox"/>

Meter used for calibration: 108B+20040396

General Inspection	OK	NO	Remark
Check for proper function of printer, display, keyboard and mouse	✓		
Check the proper function of fan	✓		
Check photometric lamp	✓		
Check Clinical Chemistry tubings	✓		
Check Clinical Chemistry washing pump cartridge	✓		
Arm sampling needle	✓		
Washing needle funnel efficiency	✓		

TEST	OK	NO	Remark
Verify the nonimate voltage of photometric lamp to 11.88 ÷ 12.12V	✓		
Verify cuvette temperature (37° C)	✓		
Verify cuvette temperature through monitor (37° C)	✓		
Verify the pressure of empty pump through monitor (1.0 ÷ 1.8 Bar)	✓		
Verify the proper working of the serum LED	✓		
Verify left arm vacutainer sensitivity	✓		
Verify the function of sensor inside water tank	✓		
Verify temperature adjustment to reagent plate ( 8 °C )	✓		
Verify the proper working of clinical chemistry arm head heater(*)	✓		
Verify function of serum scanner bar-code	✓		
Verify function of reagent scanner bar-code	✓		
Check all mechanical calibrations	✓		
Verify photometric gain	✓		

*Jey Jey*





TEST	OK	NO	Remark
Verify photometric offset	✓		
Replace lamp if necessary	✓		
Check optical transmission	✓		
Clean cuvettes	✓		
Calculate FCC( if necessary )	✓		
Check photometric stability (min. 32 samples)	✓		
Check reproducibility (min. 32 samples with known concentration of bichromatic)	✓		

DATE: 23/07/2021

DATE FOR THE NEXT PREVENTIVE MAINTENANCE / CALIBRATION DATE:: 23/07/2022

SIGNATURE: Jey Sas.

