

Delhi Office:

 84, Lal Singh Building, 2nd Floor, 205-206, Near Aggarwal Sweets,
 Vasant Kunj Road, Manipalpur, New Delhi-110 037, INDIA.
 Tel.: (011) 46062637 / 38 - 39 Fax : (011) 46062640.
 E-mail: tulipdelhik@yahoo.co.in, tulipdelhik@gmail.com

Tulip Diagnostics (P) Ltd.

Instrument Calibration Report

 Instrument Model: *Cocalyzer-200*

 Date: *04/06/2020*

 Serial No: *D372008*

 MAINTENANCE PROGRAM

 CALIBRATION

Meter used for calibration: Tulip/09/16/FLU/179/265/80003

General Inspection	OK	NO	Remark
Check for proper function of printer, display, keyboard and mouse	<input checked="" type="checkbox"/>		
Check the proper function of fan	<input checked="" type="checkbox"/>		
Check photometric lamp	<input checked="" type="checkbox"/>		
Check Clinical Chemistry tubings	<input checked="" type="checkbox"/>		
Check Clinical Chemistry washing pump cartridge	<input checked="" type="checkbox"/>		
Arm sampling needle	<input checked="" type="checkbox"/>		
Washing needle funnel efficiency	<input checked="" type="checkbox"/>		

Delhi Office:

84, Lal Singh Building, 2nd Floor, 205-206, Near Aggarwal Sweets,
Vasant Kunj Road, Manpalpur, New Delhi-110 037, INDIA.
Tel.: (011) 46062637 / 38 / 39 Fax : (011) 46062640.
E-mail: tulipdelhk@yahoo.co.in, tulipdelhk@gmail.com

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	X		Open
Verify function of reagent scanner bar-code	X		Open
Check all mechanical calibrations	✓		
Verify photometric gain	✓		
TEST	OK	NO	Remark
Verify photometric offset	✓		
Replace lamp if necessary	✓		
Check optical transmission	✓		
Clean cuvettes	✓		ON PM
Calculate FCC(if necessary)	✓		
Check photometric stability (min. 32 samples)	✓		
Check reproducibility (min. 32 samples with known concentration of bichromatic)	✓		

DATE: 04/06/2020

DATE FOR THE NEXT PREVENTIVE MAINTENANCE / CALIBRATION DATE:: 01/11/2020

SIGNATURE: Sanjeev Tiwari