




9. Checking Of Fluid Dispense Volume (Substrate , Diluents, Wash, Waste)

Fluid	Target	Measured	Remarks
Substrate	200 ± 5 mg (µl)	199	OK
Wash Solution	650 ±30 mg (=±5%)	650	OK
Diluent	90.0 to100.0 (=±5%)	100	OK
Waste	180.0 to 200.0 (=±5%)	200	OK

10. Checking The Substrate Background With STD CUP

	Measured RATE	Expected RATE	Remarks
SUB-II BLANK	139	50-1500	OK

We confirm the above mentioned analyzer/instrument is calibrated and working within the specifications

	
Signature Of Engineer	Authorized Customer Signature
Date:	Date:



TOSOH INDIA PVT. LTD.

AIA-360 CALIBRATION REPORT

Laboratory / Hospital Name : CITY LAB
Laboratory / Hospital Address : Hospital Road, Thalassery
Kannur Dist, Kerala - 680101
Instrument Model : AIA 360
Instrument Serial No : 28409001
Calibration Date : 13/01/2023
Calibration Due Date : 12/01/2024

1. Checking Voltages (In Main Board)

Test Point	Expected Range	Measured Range	Remarks
GND/+5V	+5V	+5V	OK
GND /± 15V	± 15V	± 15V	OK
GND/ +12V	+12V	+12V	OK

2. Checking Voltages (In DRV Board)

Test Point	Expected Range	Measured Range	Remarks
GND/+5V	+5V	+5 V	OK
GND /+24V	+24V	+24 V	OK

3. Checking Voltages (In Sense Board)

Test Point	Expected Range	Measured Range	Remarks
GND/+5V	+5V	+5V	OK
GND /+15V	+15V	+15V	OK

4. Checking Voltages (In LCD / Touch Panel)

Test Point	Expected Range	Measured Range	Remarks
GND/+5V	+5V	+5V	OK

5. Checking Voltages (In Printer Board)

Test Point	Expected Range	Measured Range	Remarks
GND/+5V	+5V	+5V	OK
GND /+24V	+24V	+24V	OK



6. Checking Of Fluidics And Others

Checking of BF-Probe spring	Good
Checking of BF-Probe Washing	Working Normal
Checking of sample probe / Nozzle	Good
Checking of barcode reader	Good
Checking of cup reader camera position	Good
Checking of substrate probe	Good
Checking of Turn Table	Good
Checking of Seal Break	Good
Checking of detector lens	Good

7. Checking of Clogging Adjustment

Impass Sense & Test Point	Target	Measured	Remarks
A(Open Air)	+5V	+5V	OK
A-B (Pushed)	+24V	+24	OK
B-C (During Suction of 10µl)	-200 to -80	-110	OK
Test Point TP4 & TP1	2.5V	2.5	OK

8. Checking Of Temperature

Heater Parameter	Target	Measured	Remarks
Turntable -Temperature	37 ± 1°C	37°C	OK
Wash heater -Temperature	39 ± 1°C	39°C	OK
Sub-II- Heater Temperature	39 ± 1°C	39°C	OK
Room Temperature	< 30°C	24	OK