

CALIBRATION CERTIFICATE

Customer Name : NATIONAL X-RAY ECG AND CLINICAL LABORATORY Address : 117-A, SALEM MAIN ROAD, Krishnagiri- 635001 Contact no : 9443888890	Equipment : Fully Chemistry Analyzer Model : BS-120 Serial Number : WK-38103385 Date of Calibration : 05.12.2020 Due Date : 04.12.2021 Calibrated by : Mr.Annamalai
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UPS Power Supply	Expected Reading	Observed Reading	Remarks
Earth to Neutral	0 – 5 VAC	0V	With in Range
Earth to Phase	230 ± 10 VAC	220VAC	With in range
Phase to Neutral	230 ± 10 VAC	220VAC	With in range

Power Supply Unit	Power Supply	Measured Reading	Remarks
5V & 12V Board	5V DC ± 1.0%	5.08 VDC	Nil
5V & 12V Board	12V DC ± 1.0%	12.1 VDC	Nil
PFC Board	390V DC ± 1.0%	390.5 VDC	Nil
24V Board	24V DC ± 1.0%	23.89 VDC	Nil

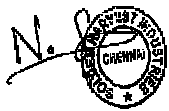
Optical System Check	Dark Current	Dark Current Range	Remarks
340 nm	72	< 200	Dark current values are with in range
405 nm	78		
450 nm	82		
510 nm	81		
546 nm	83		
578 nm	81		
630 nm	85		
670 nm	89		

Optical System Check	Background	Background Range	Remarks
340 nm	52000	48000 to 62000	Background values are with in range
405 nm	53500		
450 nm	54200		
510 nm	56500		
546 nm	55300		
578 nm	54100		
630 nm	51200		
670 nm	54100		

Software Communication	Status	Remarks
Operation Software Initialization Check	Normal	Nil
Communication between PC and Analyzer	Normal	Nil
Shutdown Check	Normal	Nil

Robotic Check	Status	Remarks
Sample / Reagent Probe Check	Normal	Nil
Sample / Reagent Syringe Check	Normal	Nil
Mixer Unit Check	Normal	Nil
Interior Washing Probe	Normal	Nil
Exterior Washing Probe	Normal	Nil
Exterior Washing Mixer	Normal	Nil
Reagent Unit	Normal	Nil
Reaction Unit	Normal	Nil
Reagent Preheater	Normal	Nil
Dust Filters	Cleaned	Nil

Fluidic Check	Status	Remarks
Interior Washing Probe	Normal	Nil
Exterior Washing Probe	Normal	Nil
Exterior Washing Mixer	Normal	Nil
Liquid Level Detection	Normal	Nil
Distilled Water filter	OK	Nil



Zonal Manager-Technical Support
Place: Chennai