

CALIBRATION REPORT

Customer Name : Shree Diagnostic Centre.
Address : Shree Hospital, Ganesh Baug,
Murbad Road, Kalyan
Instrument Model : ST-200 Pro Electrolyte Analyzer
Serial no : ST-000325
Calibration Date : 08.12.2021
Calibration Due Date: 07.12.2022

As per the Standard Operating procedure of ST-200 Pro Electrolyte Analyzer, the instrument has been calibrated.

As per method mentioned into manuals/sop, the Known Value Sample/Control run on the analyzer for five times for the Electrolyte parameters. All obtained values are in the range and CV values were checked. CV values were within a normal range as mentioned in performance certificate. This indicated that an instrument is performing accurately and precisely.

Hence, we certified that ST-200 Pro Electrolyte Analyzer is calibrated.



Makarand Thakur
(Service Engineer)

BioSystems

human - centred biotech

Registered office:

BioSystems Diagnostics Pvt. Ltd.,
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Tamil Nadu - 602105. India
Ph: +91 -44 - 30341911 / 12/ 13/14
Email: support@biosystems.in
CIN - U29297TN2003PTC051492

Date: 10/07/2022

CALIBRATION CERTIFICATE OF BA200

CUSTOMER NAME – Shree Diagnostic center - Kalyan

Serial Number = 832000455

User Software = 5.2.1

Initialization Motor

Vertical Motors – Sample and reagent in Home

Polar Motors – Sample and reagent in Home

Reaction Rotor in home

Sample and Reagent rotor in Home

Ceramic Dispensing pump – Sample and reagent in Home

Optics Initialization: Ok

Peltier cells and drivers test

Rotor Peltier and Sample Reagent Rotor peltier driver test: Ok

Temperature system initialized

LED test: ok

Hardware completely initialized

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Parameters	Current value	Minimum	Maximum
Reading reference Position - Well 1	7893	7860	7905
Thermal adjustment of reaction rotor	37.5	37	39
Thermal adjustment of Wash station	51	42	50
Thermal adjustment of Sample & Reagent Probe	37	36	39
Photometric Dark Current Adjustment	3817	3300	4500
Main Photo Diode Counts 340NM	917725	190714	950000
Main Photo Diode Counts 405NM	899095	631794	950000
Main Photo Diode Counts 505NM	897145	623061	950000
Main Photo Diode Counts 535NM	901423	517188	950000
Main Photo Diode Counts 560NM	901788	672197	950000
Main Photo Diode Counts 600NM	900103	575660	950000
Main Photo Diode Counts 635NM	910295	541852	950000
Main Photo Diode Counts 670NM	899763	756232	950000

Next calibration due on: 09/07/2023

For BIOSYSTEMS DIAGNOSTICS PVT. LTD.



Authorized Signatory

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