

Date: 10/06/2024

CALIBRATION CERTIFICATE OF BA200

CUSTOMER NAME – Arambagh Diagnostic Scan Centre

Serial Number = 832001242

User Software = V 5.7.1.0

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

PARAMETER VALUES

Parameters	Current value	Minimum	Maximum
Reading reference Position - Well 1	7362	7860	7905
Washing solution full level detection	1789	1500	2000
Washing solution empty level detection	1046	1000	1500
Waste full level detection	1915	1500	2000
Waste empty level detection	1051	1000	1500
Thermal adjustment of reaction rotor	37	37.0	45.0
Thermal adjustment of Wash station	42.1	40.5	55.0
Reaction rotor test thermal	37.0	36.8	37.2

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Registered office:

BioSystems Diagnostics Pvt. Ltd.,
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Tamil Nadu - 602105, India
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CIN - U29297TN2003PTC051492

Washing station test thermal	50.3	45.0	55.0
LED 340NM Intensity reference value	2087	1000	25000
LED 405NM Intensity reference value	6890	1000	30000
LED 505NM Intensity reference value	12692	1000	30000
LED 535NM Intensity reference value	1641	1000	30000
LED 560NM Intensity reference value	3152	1000	30000
LED 600NM Intensity reference value	16728	1000	30000
LED 635NM Intensity reference value	6506	1000	20000
LED 670NM Intensity reference value	4726	1000	30000
Photometric Dark Current Adjustment	4053	3300	4500
Reference Photometric Dark Current Adjustment	4006	3300	4500
Main Photo Diode Counts 340NM	903776	600000	950000
Main Photo Diode Counts 405NM	899625	850000	950000
Main Photo Diode Counts 505NM	900307	850000	950000
Main Photo Diode Counts 535NM	901888	850000	950000
Main Photo Diode Counts 560NM	897611	420000	950000
Main Photo Diode Counts 600NM	901240	750000	950000
Main Photo Diode Counts 635NM	900695	850000	950000
Main Photo Diode Counts 670NM	900865	450000	950000
Reference Photo Diode Counts 340NM	201025	100000	400000
Reference Photo Diode Counts 405NM	718414	400000	950000
Reference Photo Diode Counts 505NM	729916	400000	950000
Reference Photo Diode Counts 535NM	576380	400000	950000
Reference Photo Diode Counts 560NM	804861	400000	950000
Reference Photo Diode Counts 600NM	711857	300000	950000
Reference Photo Diode Counts 635NM	641310	400000	950000

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Reference Photo Diode Counts 670NM	753645	200000	950000
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Next calibration due on: 09/06/2025

For BIOSYSTEMS DIAGNOSTICS PVT. LTD.,

S
SENTHIL

Digitally signed by S SENTHIL
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Authorized Signatory