

Registered One:
BioSystems Diagnostics Pvt Ltd.,
A4, SIPCOT Industrial Park, Irungattukotai,
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Pb: *91 - 44 - 3034 191t 12/13
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CIN - U29297TN2003PTC05I492



Date: 04.04.2023

CALIBRATION CERTIFICATE OF BA400

CUSTOMER NAME — Govt. District Hospital Sehore M.P

Serial Number — 834002027
 Firmware V 4.02.3
 User Software = 5.4.3
 Initialization Motor
 Vertical Motors — S /R /R2 in HomePolar
 Motors — S /R1 /R2 in Home Reaction
 Rotor in home
 Sample /Reagent rotor in Home
 Ceramic Dispensing pump — S/ R1 /R2 in Home
 Optical Initialization: Ok
 Auto adjustment of the probe is done
 Peltier cells and drivers test
 Rotor Puffier/ Reagent Rotor peltier driver test: Ok
 Temperature system initialized
 LED test: ok
 Hardware completely initialized

Paremeters	Current value	Minimum	Maximum
Reading reference Position - Well I	7885	7860	7905
Washing Solution Tank 0	2	-5	5
Washing Solution Tank 50	54	40	60
Washing Solution Tank 100	96	95	105
Waste Tank 0	-1	-5	5
Waste Tank 50	51	40	60
Waste Tank 100	101	95	105
Thieriiial adjustment of reaction rotor	37.3	36.0	39.0
Thermal adjustment of Wasii station	47	44	50

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Thermal adjustment of reagent tip 1	37	36	39
Thermal adjustment of reagent tip 2	37.3	36	39
LED 340NM intensity reference value	6389	6000	25000
I.ED 405NM intensity reference value	15020	1 4000	30000
LED 505 NM intensity reference value	14422	1 2000	30000
L ED 535 NM intensity reference value	5746	4000	30000
L ED 560 NM intensity reference value	3232	3000	1 5000
L ED 600 NM intensity reference value	17410	6000	25000
L ED 635 NM intensity reference value	6213	6000	20000
L ED 670 NM intensity reference value	6328	4000	15500
Photometric Dark Current Adjustment	4018	3300	4100
Main Photo Diode Counts 340NM	898364	231903	950000
Main Photo Diode Counts 405NM	910917	755681	950000
Main Photo Diode Counts 505 NM	846003	785681	950000
Main Photo Diode Counts 535 NM	889730	660459	950000
Main Photo Diode Counts 560 NM	900981	b13854	950000
Main Photo Diode Counts 600 NM	899919	635308	9.50000
Main Photo Diode Counts 635 NM	898205	702010	950000
Main Photo Diode Counts 670 NM	896862	672428	950000

Next calibration due on: **03-04-2024**

For BIOSYSTEMS DIAGNOSTICS LTD.

Authorised Signatory



Corporate Office:

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