

Date: 02/12/2023

CALIBRATION CERTIFICATE OF BA400

CUSTOMER NAME –CENTRAL LAB CLINICAL PATHOLOGY JAWAHARLAL NEHRU
 MEDICAL COLLEGE & HOSPITAL BHAGALPUR BIHAR

Serial Number = 834002452
 Firmware = V 4.04.26
 Initialization Motor
 Vertical Motors – S /R1 /R2 in Home
 Polar Motors – S /R1 /R2 in Home
 Reaction Rotor in home
 Sample /Reagent rotor in Home
 Ceramic Dispensing pump – S/ R1 /R2 in Home
 Optics Initialization: Ok
 Auto adjustment of the probe is done
 Peltier cells and drivers test
 Rotor Peltier/ Reagent Rotor peltier driver test: Ok
 Temperature system initialized
 LED test: ok
 Hardware completely initialized

Parameters	Current value	Minimum	Maximum
Reading reference Position - Well 1	7899	7860	7905
Washing Solution Tank 0	1	-5	5
Washing Solution Tank 50	50	40	60
Washing Solution Tank 100	97	95	105
Waste Tank 0	-1	-5	5
Waste Tank 50	55	40	60
Waste Tank 100	100	95	105
Thermal adjustment of reaction rotor	37.0	36.0	39.0
Thermal adjustment of Wash station	45.2	44	50



Ratn Priya

BioSystems

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CIN - U29297TN2003PTC051492

Thermal adjustment of reagent tip 1	37	36	39
Thermal adjustment of reagent tip 2	37	36	39
LED 340NM Intensity reference value	1556	6000	25000
LED 405NM Intensity reference value	5148	14000	30000
LED 505NM Intensity reference value	8654	12000	30000
LED 535NM Intensity reference value	1788	4000	30000
LED 560NM Intensity reference value	3729	3000	15000
LED 600NM Intensity reference value	18780	6000	25000
LED 635NM Intensity reference value	4863	6000	20000
LED 670NM Intensity reference value	4198	4000	15500
Photometric Dark Current Adjustment	3916	3300	4500
Reference Photometric Dark Current Adjustment	3954	3300	4500
Main Photo Diode Counts 340NM	884947	600000	950000
Main Photo Diode Counts 405NM	898071	850000	950000
Main Photo Diode Counts 505NM	900153	850000	950000
Main Photo Diode Counts 535NM	886873	850000	950000
Main Photo Diode Counts 560NM	899605	550000	950000
Main Photo Diode Counts 600NM	900086	750000	950000
Main Photo Diode Counts 635NM	902832	850000	950000
Main Photo Diode Counts 670NM	910977	450000	950000
Reference Photo Diode Counts 340NM	178455	100000	950000
Reference Photo Diode Counts 405NM	758455	100000	950000
Reference Photo Diode Counts 505NM	732972	100000	950000
Reference Photo Diode Counts 535NM	545721	100000	950000
Reference Photo Diode Counts 560NM	757706	100000	950000

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Reference Photo Diode Counts 600NM	535321	100000	950000
Reference Photo Diode Counts 635NM	629272	100000	950000
Reference Photo Diode Counts 670NM	540601	100000	950000

Next calibration due on: 01/12/2024

For BIOSYSTEMS DIAGNOSTICS PVT. LTD.

S
SENTHIL

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