

Date: 05/01/2023

CALIBRATION CERTIFICATE OF BA400

CUSTOMER NAME – Siddha Central Research Institute, Arumbakkam - Chennai

Serial Number = 834000432

User Software = V 3.4.2

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	7896	7860	7905
Washing Solution Tank 0	0	-5	5
Washing Solution Tank 50	46	40	60
Washing Solution Tank 100	98	95	105
Waste Tank 0	-1	-5	5
Waste Tank 50	43	40	60

BioSystems

human - centred biotech

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Waste Tank 100	100	95	105
Thermal adjustment of reaction rotor	37.0	36.0	39.0
Thermal adjustment of Wash station	44.9	44	50
Thermal adjustment of reagent tip 1	37.0	36	39
Thermal adjustment of reagent tip 2	37.0	36	39
Photometric Dark Current Adjustment	3872	3300	4500
Main Photo Diode Counts 340NM	882,410	600000	950000
Main Photo Diode Counts 405NM	898,944	850000	950000
Main Photo Diode Counts 505NM	631,625	850000	950000
Main Photo Diode Counts 535NM	904,926	850000	950000
Main Photo Diode Counts 560NM	897,635	550000	950000
Main Photo Diode Counts 600NM	900,896	750000	950000
Main Photo Diode Counts 635NM	899,848	850000	950000
Main Photo Diode Counts 670NM	900,132	450000	950000

Next calibration due on: 04/01/2024

For BIOSYSTEMS DIAGNOSTICS PVT. LTD.,

A. Pradyumn


Authorized Signatory

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