

Date:16/05/2023

CALIBRATIONCERTIFICATEOFBA400

CUSTOMERNAME–SpectroQDiagnosticsBhubaneswar

SerialNumber=834002699

Softwareversion:5.7.1.0

Firmwareversion:4.05.3

InitializationMotor

Vertical Motors – S /R1 /R2 in Home

Polar Motors – S /R1 /R2 in Home

Reaction Rotor in home

Sample/ReagentrotorinHome

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

LEDtest:ok

Hardwarecompletelyinitialized

| Parameters | Currentvalue | Minimum | Maximum |
|----------------------------------|--------------|---------|---------|
| ReadingreferencePosition-Well1 | 7882 | 7860 | 7905 |
| WashingSolutionTank0 | 0 | -5 | 5 |
| WashingSolutionTank50 | 56 | 40 | 60 |
| WashingSolutionTank100 | 99 | 95 | 105 |
| WasteTank0 | 0 | -5 | 5 |
| WasteTank50 | 55 | 40 | 60 |
| WasteTank100 | 102 | 95 | 105 |
| Thermaladjustmentofreactionrotor | 37.1 | 36.0 | 39.0 |

| | | | |
|----------------------------------|--------|--------|--------|
| ThermaladjustmentofWashstation | 47 | 44 | 50 |
| Thermaladjustmentofreagenttip1 | 37 | 36 | 39 |
| Thermaladjustmentofreagenttip2 | 37 | 36 | 39 |
| LED340NMIntensityreferencevalue | 15532 | 6000 | 25000 |
| LED405NMIntensityreferencevalue | 16253 | 14000 | 30000 |
| LED505NMIntensityreferencevalue | 17453 | 12000 | 30000 |
| LED535NMIntensityreferencevalue | 4943 | 4000 | 30000 |
| LED560NMIntensityreferencevalue | 8523 | 3000 | 15000 |
| LED600NMIntensityreferencevalue | 20242 | 6000 | 25000 |
| LED635NMIntensityreferencevalue | 15325 | 6000 | 20000 |
| LED670NMIntensityreferencevalue | 14441 | 4000 | 15500 |
| PhotometricDarkCurrentAdjustment | 4032 | 3300 | 4500 |
| MainPhotoDiodeCounts340NM | 925335 | 600000 | 950000 |
| MainPhotoDiodeCounts405NM | 802135 | 850000 | 950000 |
| MainPhotoDiodeCounts505NM | 811535 | 850000 | 950000 |
| MainPhotoDiodeCounts535NM | 854253 | 850000 | 950000 |
| MainPhotoDiodeCounts560NM | 915325 | 550000 | 950000 |
| MainPhotoDiodeCounts600NM | 902535 | 750000 | 950000 |
| MainPhotoDiodeCounts635NM | 852325 | 850000 | 950000 |
| MainPhotoDiodeCounts670NM | 905252 | 450000 | 950000 |

Nextcalibrationdueon: 15/05/2024

ForBIOSYSTEMSDIAGNOSTICSPVT.LTD.

KRUNAL
GORDHANBHAI
MADHU

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