

Date: 01/04/2023

CURRENT CALIBRATION CERTIFICATE OF A15

CUSTOMER NAME - ALVA'S MEDICAL CENTRE

Serial Number = 83105C0578
Firmware = 6.19
A15 Configuration checksum value = 0x4C5F
A15 Configuration checksum size = 988
Rotor Temperature = 36.8
Prove Temperature = 40
System Liquid Scale Sensivity = 142
Waste Scale Sensivity = 160
Level Detection Improved Rack = 1
Sensitivity: (Tube Rack) = 45
Sensitivity: (Pediatric Rack) = 102
Sensitivity: (Out Fridge Reagent Rack) = 12
Sensitivity: (Fridge Reagent Rack) = 36
X - Origin = 55
Y - Origin = 256
Z - Origin = 430
X - Washing Station = 368
Y - Washing Station = 85
Z - Washing Station = 540
X - Reactions Rotor = 101
Y - Reactions Rotor = 1037
Z - Reactions Rotor = 600
Tray XYZ- Pediatric Rack
X1 (Rack3, 4) = 1616, 1062
X2 (Rack3, 4) = 1617, 1067
Y1 (Rack3, 4) = 94, 96
Y2 (Rack3, 4) = 1447, 1448
Z1 (Rack3, 4) = 735, 737
Z2 (Rack3, 4) = 701, 702
Z Relation Pediatric-Tube = 466
Tray XYZ- Reagent Rack
X1 (Rack3, 4) = 1356, 811
X2 (Rack3, 4) = 1362, 814
Y1 (Rack3, 4) = 112, 112
Y2 (Rack3, 4) = 1442, 1443
Z1 (Rack3, 4) = 1204, 1204
Z2 (Rack3, 4) = 1171, 1169
Tray XYZ- Fridge
X1 (Rack1, 2) = 2535, 2026
X2 (Rack1, 2) = 2546, 2043
Y1 (Rack1, 2) = 50, 50
Y2 (Rack1, 2) = 1400, 1400
Z1 (Rack1, 2) = 1236, 1236
Z2 (Rack1, 2) = 1226, 1228
Rotor Position correction regarding to the dispensation point = 113
Rotor Position correction regarding to the optical system = -8
Filters wheel correction = -1
Filter 0 = 0 (nm) IT = 10.2 (ms) Ref. IT = 9.7 (ms)

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Filter 1 = 340 (nm) IT = 359.9 (ms) Ref. IT = 359.4 (ms)
Filter 2 = 405 (nm) IT = 125.4 (ms) Ref. IT = 124.9 (ms)
Filter 3 = 505 (nm) IT = 106 (ms) Ref. IT = 106 (ms)
Filter 4 = 535 (nm) IT = 93.7 (ms) Ref. IT = 93.7 (ms)
Filter 5 = 560 (nm) IT = 97.3 (ms) Ref. IT = 97.3 (ms)
Filter 6 = 600 (nm) IT = 109.1 (ms) Ref. IT = 109.1 (ms)
Filter 7 = 635 (nm) IT = 89.6 (ms) Ref. IT = 89.1 (ms)
Filter 8 = 670 (nm) IT = 139.3 (ms) Ref. IT = 139.3 (ms)
Filter 9 = 0 (nm) IT = 10.2 (ms) Ref. IT = 9.7 (ms)
X - axis = 229942 (x1000 steps)
Y - axis = 116057 (x1000 steps)
Z - axis = 310968 (x1000 steps)
Reaction Rotor = 14734 (x10000 steps)
Filter Wheel = 710296 (x100 steps)
Dispensing Pump = 281938 (x10000 steps)
Membrane pumps = 50796 (Commutation)
3-way electrovalve = 221142 (Commutation)
Lamp = 1232 (Hours)
Biochemical preparation = 29040 (Cicles)
Turbidimetry preparation = 78 (Cicles)
Bireagent Biochemical preparation = 264 (Cicles)
Bireagent Turbidimetry preparation = 0 (Cicles)
Predilution = 0 (Cicles)
Start/End Washings = 1689 (Cicles)
WS Washings = 5818 (Cicles)
H2O Washings = 976 (Cicles)
New Rotor = 337 (Rotors)
Contaminations detected = 20 Contaminations detected

Next Calibration due on - 31/03/2024

For BIOSYSTEMS DIAGNOSTICS PVT. LTD.



AUTHORISED SIGNATORY

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