

Date: 01/12/2021

CURRENT CALIBRATION CERTIFICATE OF A15C

CUSTOMER NAME – LAKSHMI LAB DIGITAL X-RAY, Aruppukottai

Serial Number = 83105C0659

Firmware = 6.19

Firmware integrity checksum value = 0xD13D

Firmware integrity checksum size = 442472

A15 Configuration checksum value = 0xF27E

A15 Configuration checksum size = 988

Rotor Temperature = 37.18

Prove Temperature = 39.4

Fridge Temperature = 0

System liquid scale sensitivity = 0

Waste scale sensitivity = 0

Metal filled Racks (grey color) = 1

Sensitivity: (Diam. Rack 13/15mm) = 45

Sensitivity: (Pediatric Rack) = 94

Sensitivity: (Out fridge reagents) = 10

Sensitivity: (Fridge reagents) = 34

X - Origin = 62

Y - Origin = 260

Z - Origin = 430

X - Washing Station = 387

Y - Washing Station = 101

Z - Washing Station = 540

X - Reactions Rotor = 96

Y - Reactions Rotor = 1039

Z - Reactions Rotor = 600

XYZ Tray - Pediatric Rack

X1 (Rack3, 4) = 1632, 1082

X2 (Rack3, 4) = 1626, 1076

Y1 (Rack3, 4) = 103, 104

Y2 (Rack3, 4) = 1452, 1451

Z1 (Rack3, 4) = 751, 748

Z2 (Rack3, 4) = 739, 735

Z relationship Pediatric - Tube = 454

XYZ Tray - Reagent Rack

X1 (Rack3, 4) = 1400, 850

X2 (Rack3, 4) = 1389, 852

Y1 (Rack3, 4) = 120, 121

Y2 (Rack3, 4) = 1455, 1454

Z1 (Rack3, 4) = 1207, 1206

Z2 (Rack3, 4) = 1197, 1194

XYZ Tray - Fridge

X1 (Rack1, 2) = 2564, 2046

Registered Office:

BioSystems Diagnostics Pvt. Ltd.,
A4, SIPCOT Industrial Park, Irungattukottai,
Thandalam Village, Sriperumbudur - 602105.
Ph: +91 - 44 - 3034 1911 / 12 /13
E-mail: customersupport@biosystems.in
Website: www.biosystems.in
CIN - U29297TN2003PTC051492



X2 (Rack1, 2) = 2561, 2066

Y1 (Rack1, 2) = 52, 63

Y2 (Rack1, 2) = 1412, 1408

Z1 (Rack1, 2) = 1239, 1239

Z2 (Rack1, 2) = 1239, 1239

Rotor Position correction regarding to the dispensation point = 102

Rotor Position correction regarding to the optical system = -4

Filters wheel correction = 2

Filter 0 = 0 (nm) IT = 10.2 (ms) Ref. IT = 9.7 (ms)

Filter 1 = 340 (nm) IT = 329.2 (ms) Ref. IT = 289.8 (ms)

Filter 2 = 405 (nm) IT = 93.2 (ms) Ref. IT = 82.4 (ms)

Filter 3 = 505 (nm) IT = 80.4 (ms) Ref. IT = 72.2 (ms)

Filter 4 = 535 (nm) IT = 71.7 (ms) Ref. IT = 64.5 (ms)

Filter 5 = 560 (nm) IT = 85 (ms) Ref. IT = 76.8 (ms)

Filter 6 = 600 (nm) IT = 97.8 (ms) Ref. IT = 89.1 (ms)

Filter 7 = 635 (nm) IT = 82.9 (ms) Ref. IT = 75.8 (ms)

Filter 8 = 670 (nm) IT = 100.9 (ms) Ref. IT = 92.2 (ms)

Filter 9 = 0 (nm) IT = 10.2 (ms) Ref. IT = 9.7 (ms)

X - axis = 258138 (x1000 steps)

Y - axis = 175808 (x1000 steps)

Z - axis = 398404 (x1000 steps)

Reaction Rotor = 17845 (x10000 steps)

Filter Wheel = 826334 (x100 steps)

Dispensing Pump = 321580 (x10000 steps)

Membrane pumps = 67301 (Commutation)

3-way electrovalve = 268827 (Commutation)

Lamp = 455 (Hours)

Biochemical preparation = 32059 (Cycles)

Turbidimetry preparation = 657 (Cycles)

Bi-reagent Biochemical preparation = 6726 (Cycles)

Bi-reagent Turbidimetry preparation = 370 (Cycles)

Pre-dilutions = 0 (Cycles)

Start/End Washes = 1358 (Cycles)

Wash Solution Washes = 10500 (Cycles)

Water Washes = 2117 (Cycles)

New Rotor = 364 (Rotors)

Contamination detected = 441 (Contaminations)

Next Calibration due on – 30/11/2022

For BIOSYSTEMS DIAGNOSTICS PVT. LTD.

A. Pradyumn Reddy

AUTHORISED SIGNATORY

Corporate Office:

BioSystems S.A. Costa Brava 30, 08030 Barcelona (Spain)
Tel +34-93 311 00 00, Fax+34-93 346 77 99
<http://www.biosystems.es>

