



Certificate of Calibration

Customer Name:- GRACE LABORATORY, Baroda-Gujarat

Type of Instrument:- P500- Fully Automatic Biochemistry Analyzer.
(Serial No. 18046909)

This is to certify that Optical
Calibration done as per protocol on
19th Oct 2020 on Pictus 500 at
Grace Laboratory, Baroda.

Performance tests done, results are satisfactory

Next Calibration is due on

18th Oct 2021

Date of Installation: 01/02/2019

Service Engineer:- Mr. Ankit Saxena

Sign and stamp:



Mechanical Calibration

19/10/2020 08:35

Software v2.5.2p

CPU Serial Number 01E84E531400007A

Instrument SN

18046909

Id	Value	Id	Value
* Photometer & Reaction Tray -----		Vertical Sec.	1602
Front	2297	* Arm & Reagent Tray - Front -----	
Back	104	Horizontal 1	542
* Arm & Reaction Tray - Front -----		Horizontal 25	597
Horizontal	91	Horizontal 49	654
Vertical	883	Tray 1	1282
Arm & Tray	1568	Tray 25	1387
Washer & Tray	938	Tray 49	1499
* Arm & Reaction Tray - Back -----		Bottom	1087
Horizontal	5	* Arm & Reagent Tray - Back -----	
Vertical	1039	Horizontal 1	355
Arm & Tray	381	Horizontal 25	429
Washer & Tray	2151	Horizontal 49	496
* Washer Unit -----		Tray 1	833
Front bottom	410	Tray 25	943
Back bottom	100	Tray 49	1061
* Arm & Washing Station - Front -----		Bottom	1511
Horizontal	306	* Sample Tray -----	
Vertical Pump	165	Change	843
Vertical Wash	173	* Reagent Tray -----	
* Arm & Washing Station - Back -----		Change	351
Horizontal	100	* Bar Code Reader -----	
Vertical Pump	219	Sample Tray	2767
Vertical Wash	229	Reagent 1	1890
* Arm & Sample Tray - Front -----		Reagent 25	1943
Horizontal 1	416	Sample Gap	2696
Horizontal 2	380	* ISE Module -----	
Tray 1	1908	Horizontal	249
Tray 2	1940	Vertical	861
Vertical Prim.	1135	Horizontal Prime	197
Vertical Sec.	765	Prime bottom	660
* Arm & Sample Tray - Back -----			
Horizontal 1	219		
Horizontal 2	174		
Tray 1	1432		
Tray 2	1473		
Vertical Prim.	1608		

Hardware Versions

19/10/2020 08:48

Software v2.5.2p

CPU Serial Number F50020C358CE2F55AF0A8CC61800900C

Instrument SN

18046909

Boards

Num	Name	Serial number	Version
0	CPU	F50020C358CE2F55	0.3A P 20170621
1	Stepper Motor 1	3000214F56591A9F	0.4A P 20170621
2	Stepper Motor 2	3000214E56591A9F	0.4A P 20170621
3	Scale	-	0.0A P 20140904

Photometer Calibration

19/10/2020 08:27

Software v2.5.2p

CPU Serial Number 01E84E531400007A

Instrument SN

18046909

Filter	WL	Gain	100%T	Zero	Water	Abs.
1	340nm	4	5,563,761	74,592		0.0782
2	380nm	2	4,294,417	22,112		0.0614
3	405nm	2	5,336,939	22,112		0.0596
4	450nm	2	5,652,144	22,112		0.0574
5	490nm	2	4,278,485	22,112		0.0574
6	505nm	2	5,681,218	22,112		0.0570
7	550nm	2	5,001,681	22,112		0.0561
8	590nm	2	5,182,466	22,112		0.0563
9	620nm	2	5,300,343	22,112		0.0562
10	650nm	2	5,284,413	22,112		0.0562
11	700nm	1	3,236,032	5,183		0.0564
12	750nm	2	5,413,985	22,112		0.0661