

CALIBRATION CERTIFICATE

21st December, 2023

To,
Redcliffe Lifetech Private Limited
Majura gate, Surat, Gujrat.

Dear Sir/ Madam,

This is with reference to the Architect I4100 Chemistry and Immuno analyzer. (Sr No C403232 and iSR65627) installed in your Laboratory.

Please find below the details of the instrument Calibrations and the Verifications performed.


The next calibration will be due on 20th December, 2024 apart from maintenance procedures as per operator's manual.

Instrument : Abbott Architect Ci4100SR Immuno and chemistry analyzer.
Serial number : iSR65827
Calibration performed on : 21st December, 2023

1. System voltage checks performed using Digital Multimeter and confirmed to specifications.
2. Pipettor Calibration Passed.
3. Bar code calibration Passed.
4. Transport calibration passed.
5. Temperature check passed
6. Trigger Pretrigger Wz and pipettor precision passed
7. Optical Background and shutter test Passed

Thanking you,

Yours Truly,


Aakash Desai
Customer Support Specialist
Abbott Healthcare Pvt. Ltd.

Cal Curve Details Report

Operator ID: ADMIN

System serial number: 87786

Assay name: **HbA1cWB**
Reagent lot: 64915UQ08
Serial no.: 09644

Assay number: 1106
Expiration date: 23.11.2024

Cal status: Active
Cal date: 21.02.2024
Calibration method: Linear
Cal type: Full
Calibrator lot: 63163UQ11
Lot expiration: 13.11.2023

Module / Serial no.: 1 / c403232
Cal time: 17:15
Operator ID: ADMIN
Curve expiration date / time
Full: 11.04.2024 / 17:15
Adjustment:

Cal ID	Concentration umol/L	Cal absorbance	Cal factor	Rep. 1 absorbance	Rep. 2 absorbance	Rep. 3 absorbance
Blank	3.5600	0.0231		0.0231	0.0230	0.0233
Cal 1	15.3600	0.0449	262.5588	0.0660	0.0691	0.0680



Cal Curve Details Report

Operator ID: ADMIN

System serial number: 87786

Assay name: **ALT**
Reagent lot: 63455UQ01
Serial no.: 19972

Assay number: 1021
Expiration date: 16.01.2024

Cal status: Active
Cal date: 22.02.2024
Calibration method: Factor

Module / Serial no.: 1 / c403232

Cal time: 11:13
Operator ID: ADMIN

Cal type: Full
Calibrator lot:
Lot expiration:

Curve expiration date / time
Full: 20.03.2024 / 11:13
Adjustment:

Cal ID	Concentration U/L	Cal absorbance	Cal factor	Rep. 1 absorbance	Rep. 2 absorbance	Rep. 3 absorbance
Blank	0.0000	-0.0004	8141.0000	-0.0004	-0.0004	-0.0004



Cal Curve Details Report

Operator ID: ADMIN

System serial number: 87786

Assay name: **Crea2**

Reagent lot: 48171UD00

Serial no.: 02849

Assay number: 1436

Expiration date: 04.04.2024

Cal status: Active

Cal date: 22.02.2024

Calibration method: Linear

Cal type: Full

Calibrator lot: 1277UE

Lot expiration: 28.07.2025

Module / Serial no.: 1 / c403232

Cal time: 09:55

Operator ID: ADMIN

Curve expiration date / time

Full: 03.03.2024 / 09:55

Adjustment:

Cal ID	Concentration mg/dL	Cal absorbance	Cal factor	Rep. 1 absorbance	Rep. 2 absorbance	Rep. 3 absorbance
Blank	0.0000	-0.0001		-0.0001	0.0001	-0.0001
Cal 1	0.7177	0.0021	341.2036	0.0022	0.0021	0.0019
Cal 2	4.4300	0.0093	516.4984	0.0079	0.0095	0.0092

J

Cal Curve Details Report

Operator ID: ADMIN

System serial number: 87786

Assay name: **UIBC-L**

Reagent lot: 30254Y600-03691

Serial no.: 03899

Assay number: 2981

Expiration date: 31.12.2023

Cal status: Active

Cal date: 22.02.2024

Calibration method: Linear

Cal type: Full

Calibrator lot: 21043Y600

Lot expiration: 31.10.2023

Module / Serial no.: 1 / c403232

Cal time: 12:15

Operator ID: ADMIN

Curve expiration date / time

Full: 29.02.2024 / 12:15

Adjustment:

Cal ID	Concentration ug/dL	Cal absorbance	Cal factor	Rep. 1 absorbance	Rep. 2 absorbance	Rep. 3 absorbance
Blank	0.0000	0.2413		0.2372	0.2453	
Cal 1	-500.0000	0.1957	-2554.4087	0.4336	0.4403	

T

Cal Curve Details Report

Operator ID: ADMIN

System serial number: 87786

Assay name: **AlbBCG2**
Reagent lot: 51175UD00
Serial no.: 09219

Assay number: 1400
Expiration date: 05.07.2024

Cal status: Active
Cal date: 22.02.2024
Calibration method: Linear
Cal type: Full
Calibrator lot: 1277UE
Lot expiration: 28.07.2025

Module / Serial no.: 1 / c403232
Cal time: 09:49
Operator ID: ADMIN
Curve expiration date / time
Full: 04.04.2024 / 09:49
Adjustment:

Cal ID	Concentration g/dL	Cal absorbance	Cal factor	Rep. 1 absorbance	Rep. 2 absorbance	Rep. 3 absorbance
Blank	0.0000	0.1125		0.1116	0.1135	
Cal 1	1.7123	0.4846	3.5338	0.6029	0.5913	
Cal 2	2.8700	0.7301	4.7156	0.8317	0.8535	

(J)

Cal Curve Details Report

Operator ID: ADMIN

System serial number: 87786

Assay name: BIID	Assay number: 1065
Reagent lot: 64221UQ05	Expiration date: 31.10.2024
Serial no.: 05668	

Cal status: Active	Module / Serial no.: 1 / c403232
Cal date: 20.02.2024	Cal time: 13:55
Calibration method: Linear	Operator ID: ADMIN
Cal type: Full	Curve expiration date / time
Calibrator lot: 97449FD01	Full: 05.03.2024 / 13:55
Lot expiration: 31.12.2023	Adjustment:

Cal ID	Concentration mg/dL	Cal absorbance	Cal factor	Rep. 1 absorbance	Rep. 2 absorbance	Rep. 3 absorbance
Blank	0.0000	0.0000		0.0000	0.0001	0.0000
Cal 1	0.8400	0.0108	77.9715	0.0108	0.0106	0.0109
Cal 2	7.8600	0.1209	63.7263	0.1232	0.1210	0.1200

(J)

Cal Curve Details Report

Operator ID: ADMIN

System serial number: 87786

Assay name: **CaCU**

Assay number: 1097

Reagent lot: 14555UN23

Expiration date: 01.05.2024

Serial no.: 03729

Cal status: Active

Module / Serial no.: 1 / c403232

Cal date: 18.02.2024

Cal time: 10:52

Calibration method: Use Cal Factor/Blank

Operator ID: ADMIN

Cal type: Full

Curve expiration date / time

Calibrator lot: 36177FD01

Full: 19.03.2024 / 10:52

Lot expiration: 31.07.2024

Adjustment:

Reference assay: CaC

Cal ID	Concentration mg/dL	Cal absorbance	Cal factor	Rep. 1 absorbance	Rep. 2 absorbance	Rep. 3 absorbance
Blank	0.0000	0.1204		0.1452	0.1175	0.1204
Cal 1	8.8300	0.4031	21.9034	0.5235	0.5267	0.5155
Cal 2	11.9200	0.5275	24.8526	0.6478	0.6655	0.6441

G

Cal Curve Details Report

Operator ID: ADMIN

System serial number: 87786

Assay name: **DLDL**
Reagent lot: 60928UQ10
Serial no.: 00462

Assay number: 2840
Expiration date: 28.10.2023

Cal status: Active
Cal date: 04.02.2024
Calibration method: Linear
Cal type: Full
Calibrator lot: 2997CH
Lot expiration: 28.03.2025

Module / Serial no.: 1 / c403232
Cal time: 14:57
Operator ID:
Curve expiration date / time
Full: 03.03.2024 / 14:57
Adjustment:

Cal ID	Concentration mg/dL	Cal absorbance	Cal factor	Rep. 1 absorbance	Rep. 2 absorbance	Rep. 3 absorbance
Blank	0.0000	0.0008		0.0009	0.0008	0.0008
Cal 1	120.0000	0.1644	729.8858	0.1695	0.1652	0.1634

(J)

Cal Curve Details Report

Operator ID: ADMIN

System serial number: 87786

Assay name: **Phos**

Reagent lot: 36563UN22-00826

Serial no.: 00658

Assay number: 1011

Expiration date: 24.11.2023

Cal status: Active

Cal date: 21.02.2024

Calibration method: Linear

Cal type: Full

Calibrator lot: 36177FD01

Lot expiration: 31.07.2024

Module / Serial no.: 1 / c403232

Cal time: 15:25

Operator ID: ADMIN

Curve expiration date / time

Full: 02.04.2024 / 15:25

Adjustment:

Cal ID	Concentration mg/dL	Cal absorbance	Cal factor	Rep. 1 absorbance	Rep. 2 absorbance	Rep. 3 absorbance
Blank	0.0000	0.0589		0.0589	0.0573	0.0631
Cal 1	3.7700	0.0973	38.7361	0.1637	0.1493	0.1563
Cal 2	7.9200	0.2067	37.9601	0.2656	0.2666	0.2462

G

Cal Curve Details Report

Operator ID: ADMIN

System serial number: 87786

Assay name: **GGT2**
Reagent lot: 50214UD00
Serial no.: 11606

Assay number: 1476
Expiration date: 16.05.2024

Cal status: Active
Cal date: 22.02.2024
Calibration method: Linear
Cal type: Full
Calibrator lot: 1277UE
Lot expiration: 28.07.2025

Module / Serial no.: 1 / c403232
Cal time: 09:56
Operator ID: ADMIN
Curve expiration date / time
Full: 23.03.2024 / 09:56
Adjustment:

Cal ID	Concentration U/L	Cal absorbance	Cal factor	Rep. 1 absorbance	Rep. 2 absorbance	Rep. 3 absorbance
Blank	0.0000	0.0001		0.0002	0.0001	0.0001
Cal 1	200.1000	0.0101	19800.6660	0.0104	0.0097	0.0102

Q

Cal Curve Details Report

Operator ID: ADMIN

System serial number: 87786

Assay name: **BiliT**
Reagent lot: 63056UQ10
Serial no.: 16474

Assay number: 1094
Expiration date: 31.03.2024

Cal status: Active
Cal date: 20.02.2024
Calibration method: Linear
Cal type: Full
Calibrator lot: 97449FD01
Lot expiration: 31.12.2023

Module / Serial no.: 1 / c403232
Cal time: 14:20
Operator ID: ADMIN
Curve expiration date / time
Full: 05.03.2024 / 14:20
Adjustment:

Cal ID	Concentration mg/dL	Cal absorbance	Cal factor	Rep. 1 absorbance	Rep. 2 absorbance	Rep. 3 absorbance
Blank	0.0000	0.0043		0.0044	0.0043	0.0043
Cal 1	1.4200	0.0055	256.2821	0.0103	0.0098	0.0096
Cal 2	14.5300	0.1022	135.6016	0.1074	0.1013	0.1065

G

Cal Curve Details Report

Operator ID: ADMIN

System serial number: 87786

Assay name: **Iron2**
Reagent lot: 53571UD00
Serial no.: 01047

Assay number: 1460
Expiration date: 14.09.2024

Cal status: Active
Cal date: 12.02.2024
Calibration method: Linear
Cal type: Full
Calibrator lot: 1277UE
Lot expiration: 28.07.2025

Module / Serial no.: 1 / c403232
Cal time: 09:34
Operator ID: ADMIN
Curve expiration date / time
Full: 27.02.2024 / 09:34
Adjustment:

Cal ID	Concentration ug/dL	Cal absorbance	Cal factor	Rep. 1 absorbance	Rep. 2 absorbance	Rep. 3 absorbance
Blank	0.0000	0.0037		0.0038	0.0036	
Cal 1	89.5357	0.0342	2619.2576	0.0377	0.0380	
Cal 2	172.8965	0.0661	2612.5566	0.0700	0.0696	
Cal 3	250.7000	0.0925	2942.5786	0.0973	0.0952	



Cal Curve Details Report

Operator ID: ADMIN

System serial number: 87786

Assay name: **AST**

Assay number: 1023

Reagent lot: 42009UN22

Expiration date: 24.11.2023

SES

Serial no.: 15963

Cal status: Active

Module / Serial no.: 1 / c403232

Cal date: 22.02.2024

Cal time: 11:13

Calibration method: Factor

Operator ID: ADMIN

Cal type: Full

Curve expiration date / time

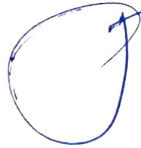
Calibrator lot:

Full: 23.03.2024 / 11:13

Lot expiration:

Adjustment:

Cal ID	Concentration U/L	Cal absorbance	Cal factor	Rep. 1 absorbance	Rep. 2 absorbance	Rep. 3 absorbance
Blank	0.0000	-0.0006	8141.0000	-0.0005	-0.0006	-0.0006



Cal Curve Details Report

Operator ID ADMIN

System serial number 87786

Assay name **AMY2**
Reagent lot 37290UD00
Serial no. 03103

Assay number 1412
Expiration date 15 05 2023

Cal status Active
Cal date 04 02 2024
Calibration method Linear
Cal type Full
Calibrator lot 1277UE
Lot expiration 28 07 2025

Module / Serial no 1 / c403232
Cal time 15 36
Operator ID
Curve expiration date / time
Full: 05.03 2024 / 15.36
Adjustment:

Cal ID	Concentration U/L	Cal absorbance	Cal factor	Rep. 1 absorbance	Rep. 2 absorbance	Rep. 3 absorbance
Blank	0.0000	0.0002		0.0002	0.0002	0.0002
Cal 1	290.2000	0.0408	7110.0957	0.0424	0.0410	0.0403

G

QC Results List Report

Released

Operator ID: ADMIN

System serial number: 87786

C / P	Module	SID	Control name	Assay	Result	Flags	Code	Date / Time
P487/2	1	BIO CHEMLevel 2	BIO CHEM - Level 2	Chol2	135 mg/dL			22.02.2024 11:15
P487/2	1	BIO CHEMLevel 2	BIO CHEM - Level 2	Urea2	115 mg/dL			22.02.2024 11:13
P487/2	1	BIO CHEMLevel 2	BIO CHEM - Level 2	UIBC-L	103 ug/dL			22.02.2024 11:06
P487/2	1	BIO CHEMLevel 2	BIO CHEM - Level 2	Fe-Pl	64 ug/dL			22.02.2024 11:06
P487/2	1	BIO CHEMLevel 2	BIO CHEM - Level 2	Trig2	101 mg/dL			22.02.2024 11:05
P487/2	1	BIO CHEMLevel 2	BIO CHEM - Level 2	Uric2	9.4 mg/dL			22.02.2024 11:05
P487/2	1	BIO CHEMLevel 2	BIO CHEM - Level 2	UHDL	29 mg/dL			22.02.2024 11:04
P487/2	1	BIO CHEMLevel 2	BIO CHEM - Level 2	BiID	1.5 mg/dL			22.02.2024 11:04
P487/1	1	BIO CHEMLevel 1	BIO CHEM - Level 1	Fe-Pl	229 ug/dL			22.02.2024 11:03
P487/1	1	BIO CHEMLevel 1	BIO CHEM - Level 1	Trig2	159 mg/dL			22.02.2024 11:02
P487/2	1	BIO CHEMLevel 2	BIO CHEM - Level 2	Phos	7.3 mg/dL			22.02.2024 11:02
P487/1	1	BIO CHEMLevel 1	BIO CHEM - Level 1	Uric2	4.4 mg/dL			22.02.2024 11:02
P487/1	1	BIO CHEMLevel 1	BIO CHEM - Level 1	UHDL	94 mg/dL			22.02.2024 11:01
P487/1	1	BIO CHEMLevel 1	BIO CHEM - Level 1	BiID	0.5 mg/dL			22.02.2024 11:01
P487/2	1	BIO CHEMLevel 2	BIO CHEM - Level 2	TPRO2	4.2 g/dL			22.02.2024 11:00
P487/1	1	BIO CHEMLevel 1	BIO CHEM - Level 1	Phos	3.3 mg/dL			22.02.2024 10:59
P487/2	1	BIO CHEMLevel 2	BIO CHEM - Level 2	GluC	285 mg/dL			22.02.2024 10:58
P487/2	1	BIO CHEMLevel 2	BIO CHEM - Level 2	AlbBCG2	2.5 g/dL			22.02.2024 10:58
P487/2	1	BIO CHEMLevel 2	BIO CHEM - Level 2	CaC	12.8 mg/dL			22.02.2024 10:57
P487/1	1	BIO CHEMLevel 1	BIO CHEM - Level 1	BiliT	1.1 mg/dL			22.02.2024 10:57
P487/1	1	BIO CHEMLevel 1	BIO CHEM - Level 1	TPRO2	7.0 g/dL			22.02.2024 10:57
P487/1	1	BIO CHEMLevel 1	BIO CHEM - Level 1	GluC	78 mg/dL			22.02.2024 10:55
P487/1	1	BIO CHEMLevel 1	BIO CHEM - Level 1	AlbBCG2	4.2 g/dL			22.02.2024 10:55
P487/1	1	BIO CHEMLevel 1	BIO CHEM - Level 1	CaC	9.9 mg/dL			22.02.2024 10:54

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QC Results List Report

Operator ID: ADMIN

System serial number: 87786

Released

C / P	Module	SID	Control name	Assay	Result	Flags	Code	Date / Time
P507/1	5	HBA1CLevel 2	HBA1C - Level 2	%A1cWB	9.1 %			22.02.2024 11:41

