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Calibration Certificate

This is to certify that Dimension EXL , Equipment ID: 1040128855 & Serial Number DE270580, installed at Bansal Hospital - Bhopal; has been successfully calibrated on September 15, 2020. Please find below, results of calibration performed on the instrument.

Photometric Calibration Data are as follows:

Photometer Dark Calibration

Parameter	Observed Value	Accepted Range
Reference	9058.93 Hz	8500 – 11000 Hz
Sample Outer ON	9439.80 Hz	8500 – 11000 Hz
Sample Outer OFF	9437.94 Hz	8500 – 11000 Hz

Lamp Calibration

Low Calib Level	52.0 %	NA
High Calib Level	65.2 %	NA
Photometer Arm Alignment	6.49 %	-2 to -9

Filters	Offset (mAU)	System Check Results	Range
293 nm	314	1.31	+/- 2.5
340 nm	315	0.64	+/- 1.5
383 nm	316	0.60	+/- 1.5
405 nm	314	0.56	+/- 1.5
452 nm	319	0.46	+/- 1.5
510 nm	314	0.44	+/- 1.5
540 nm	318	0.44	+/- 1.5
577 nm	312	0.43	+/- 1.5
600 nm	316	0.47	+/- 1.5
700 nm	314	0.47	+/- 1.5

Siemens Healthcare Private Limited

Registered Office: Unit No.9th Floor, North Wing, Godrej One, Pirojshanagar, Vikhroli (East), Mumbai 400 079. Telephone +91 22 33700600. Fax +91 22 33700854.
 Sales Office: Ahmedabad, Bangalore, Chennai, Coimbatore, Hyderabad, Kolkata, Mumbai, Nagpur, New Delhi, Pune, Vadodara.

System Check Results – CHK Lot No: DA2190

Parameters	Results		Range	
	Mean	SD	Mean	SD
Reagent 1	393.94	1.33	390 +/-12	< 3.8
Reagent 2	396.00	0.29	390 +/-12	< 3.8
Sampler	39.84	0.29	39.0 +/-2	< 0.8

Temperature		
Cuvette	36.7 °c	37.0°c +/- 0.2
HM	43.0 °c	43.0°c +/- 1.0
Regent Tray	4.9 °c	2°c to 8°c

The instrument is working satisfactorily, subsequent to Calibrations of the above parameters, and the Next Calibration is due in the month of September 2021.

Note: Absorbance kit is an USFDA approved kit used in performing the system check in all Dimension systems. The carton value is a predetermined value for which the limits are defined in system check screen and operator guide of Dimension.

Next Calibration will be performed on in the month of September 2021.

Siemens Healthcare Private Limited

Jagannath Choudhary
Regional Customer Care Manager – West & West Central

BANSAL HOSPITAL
15:52 Sep 15 2020

CALIBRATION REVIEW
Instrument Serial Number: 270580

CALIBRATION
METHOD: CA LOT ID: FA1280

METHOD: CA LOT: FA1280
CALIB. PRODUCT/LOT: CHEM1 - OGD040

Entered: 15:44 Sep 15 2020
Operator: JK
Calibrator Name: CHEM1
Calibrator Lot: OGD040
Calibration status: NOT ACCEPTED

Status: CALIBRATED
Set up by: JK
Set up date: 09/15/20 03:44 PM
Accepted by:
Acceptance date: 09/15/20 03:54 PM
Acceptance mode: MANUAL
CAAP status:

Calibration Curve: LINEAR
Units: mg/dL

Cal ID: 2009151554.CA.FA1280

CO: 1.000 C1: 0.090

Units: mg/dL
Calculation: LINEAR

BOTTLE	RESULT	ERROR
7.6	7.0	
7.6	6.9	
7.6	6.9	
10.6	9.9	
10.6	9.9	
10.6	9.9	
13.9	13.6	
13.9	13.6	
13.9	13.6	

Calibration Coefficients
C0: 2.0935
C1: 0.0848
C2:
C3:
C4:

LEVEL	1	2	3	4	5
BTTL	7.6	10.6	13.9	***	***
MEAN	7.67	10.47	13.96	***	***
SD	0.07	0.03	0.02	***	***
#1	7.8	10.4	14.0	***	***
#2	7.6	10.5	13.9	***	***
#3	7.6	10.5	14.0	***	***
#4	***	***	***	***	***
#5	***	***	***	***	***

Statistics

m = 1.000
b = 0.000
r = 0.999

QC RANGE	RESULT	ERROR
8.1-9.8		
11.1-13.2		
*** - ***		
6.6-7.7		
9.6-11.1		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		

QC LEVEL	REF. INTERVAL	RESULT
#1	8.090-9.790	***
#2	11.10-13.20	***
#3	*** - ***	***
#4	6.620-7.730	***
#5	9.630-11.10	***

the end

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 + BANSAL HOSPITAL +
 + 15:16 Sep 15 2020 +
 +++++

CALIBRATION REVIEW
 Instrument Serial Number: 270580

METHOD: AST LOT: GD1243
 CALIB. PRODUCT/LOT: ENZ-VER - OCJ060

Status: CALIBRATED
 Set up by: JK
 Set up date: 09/15/20 02:59 PM
 Accepted by:
 Acceptance date: 09/15/20 03:16 PM
 Acceptance mode: MANUAL
 CAAP status:

Cal ID: 2009151516.AST.GD1243

Units: U/L
 Calculation: VERIFY

Calibration Coefficients

C0: 2.0000
 C1: -3.5370
 C2:
 C3:
 C4:

LEVEL	1	2	3	4	5
B TTL	37.0	428.0	820.0	***	***
MEAN	30.88	377.52	750.57	***	***
SD	1.35	1.43	2.35	***	***
#1	32.0	376.6	749.1	***	***
#2	29.4	376.8	749.3	***	***
#3	31.2	379.2	753.3	***	***
#4	***	***	***	***	***
#5	***	***	***	***	***

Statistics

m = 0.919
 b = -7.384
 r = 1.000

QC LEVEL	REF. INTERVAL	RESULT
#1	34.80-51.10	***
#2	187.0-238.0	***
#3	0.000-0.000	***
#4	0.000-0.000	***
#5	0.000-0.000	***

+ BANSAL HOSPITAL +
 + 15:11 Sep 15 2020 +
 +++++

+ CALIBRATION +
 + METHOD: AST LOT ID: GD1243 +
 + Entered: 14:59 Sep 15 2020 +
 + Operator: JK +
 + Calibrator Name: ENZ-VER +
 + Calibrator Lot: OCJ060 +
 + Calibration status: NOT ACCEPTED +

+ Calibration Curve: VERIFY +
 + Units: U/L +
 + C0: 2.000 C1: -3.537 +

BOTTLE	RESULT	ERROR
37.0	32.0	
37.0	29.4	
37.0	31.2	
428.0	376.6	
428.0	376.8	
428.0	379.2	
820.0	749.1	
820.0	749.3	
820.0	753.3	

QC RANGE	RESULT	ERROR
34.8-51.1		
187.0-238.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		

BANSAL HOSPITAL
14:55 Sep 15 2020

CALIBRATION

METHOD: ALTI LOT ID: FA1264

Entered: 14:43 Sep 15 2020
Operator: JK
Calibrator Name: ENZ2CAL
Calibrator Lot: OED047
Calibration status: NOT ACCEPTED

Calibration Curve: LINEAR
Units: U/L

CO: 3.000 C1: -3.375

BOTTLE	RESULT	ERROR
0	12	
0	12	
0	12	
519	437	
519	436	
519	433	
1057	886	
1057	880	
1057	883	

QC RANGE	RESULT	ERROR
26-42		
86-123		
*** - ***		
0-0		
0-0		
0-0		
0-0		
0-0		
0-0		
0-0		

CALIBRATION REVIEW
Instrument Serial Number: 270580

METHOD: ALTI LOT: FA1264
CALIB. PRODUCT/LOT: ENZ2CAL - OED047

Status: CALIBRATED
Set up by: JK
Set up date: 09/15/20 02:43 PM
Accepted by:
Acceptance date: 09/15/20 02:56 PM
Acceptance mode: MANUAL
CAAP status:

Cal ID: 2009151456.ALTI.FA1264

Units: U/L
Calculation: LINEAR

Calibration Coefficients

CO: -9.0321
C1: -4.0950
C2:
C3:
C4:

LEVEL	1	2	3	4	5
B TTL	0	519	1057	***	***
MEAN	1.9	515.3	1058.8	***	***
SD	0.4	2.0	3.7	***	***
#1	2	517	1062	***	***
#2	2	516	1055	***	***
#3	2	513	1059	***	***
#4	***	***	***	***	***
#5	***	***	***	***	***

Statistics

m = 1.000
b = 0.000
r = 1.000

QC LEVEL	REF. INTERVAL	RESULT
#1	25.70-41.70	***
#2	86.10-123.0	***
#3	*** - ***	***
#4	0.000-0.000	***
#5	0.000-0.000	***

the end


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+ BANSAL HOSPITAL +
+ 14:41 Sep 15 2020 +
+++++
+ CALIBRATION +
+ METHOD: ALPI LOT ID: FA1222 +
+ Entered: 14:28 Sep 15 2020 +
+ Operator: JK +
+ Calibrator Name: ALPI CAL +
+ Calibrator Lot: OED039 +
+ Calibration status: NOT ACCEPTED +
+
+ Calibration Curve: LINEAR +
+ Units: U/L +
+ CO: 0.000 C1: 1.000 +
+
+ BOTTLE RESULT ERROR +
+ ----- +
+ 0 1 assay range +
+ 0 0 assay range +
+ 0 0 assay range +
+ 522 84 +
+ 522 84 +
+ 522 84 +
+ 1107 178 +
+ 1107 178 +
+ 1107 178 +
+
+ QC RANGE RESULT ERROR +
+ ----- +
+ 66-150 +
+ 252-566 +
+ 0-0 +
+ 0-0 +
+ 0-0 +
+ 0-0 +
+ 0-0 +
+ 0-0 +
+ 0-0 +
+
+++++

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CALIBRATION REVIEW
Instrument Serial Number: 270580

METHOD: ALPI LOT: FA1222
CALIB. PRODUCT/LOT: ALPI CAL - OED039

Status: CALIBRATED
Set up by: JK
Set up date: 09/15/20 02:28 PM
Accepted by:
Acceptance date: 09/15/20 02:48 PM
Acceptance mode: MANUAL
CAAP status:

```

```

Cal ID: 2009151448.ALPI.FA1222

Units: U/L
Calculation: LINEAR

```

```

Calibration Coefficients
CO: -2.5604
C1: 6.2316
C2:
C3:
C4:

```

LEVEL	1	2	3	4	5
B TTL	0	522	1107	***	***
MEAN	0.3	521.3	1107.3	***	***
SD	2.3	2.0	1.3	***	***
#1	3	521	1108	***	***
#2	-1	519	1108	***	***
#3	-1	523	1106	***	***
#4	***	***	***	***	***
#5	***	***	***	***	***

Statistics

```

-----
m = 1.000
b = 0.000
r = 1.000

```

QC LEVEL	REF. INTERVAL	RESULT
#1	66.00-150.0	***
#2	252.0-566.0	***
#3	0.000-0.000	***
#4	0.000-0.000	***
#5	0.000-0.000	***

```

+++++
+ the end +
+++++

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CALIBRATION
METHOD: AHDL LOT ID: GA1292

Entered: 13:52 Sep 15 2020
Operator: JK
Calibrator Name: AHDLCAL
Calibrator Lot: OKD031
Calibration status: NOT ACCEPTED

Calibration Curve: LINEAR
Units: mg/dL

C0: 0.000 C1: 1.700

Scalars: A: 0.000000 B: 0.000000
C: 1.020000 D: 2.600000

BOTTLE	RESULT	ERROR
2	-1	assay range
2	-1	assay range
2	-1	assay range
43	38	
43	39	
43	39	
169	169	assay range
169	166	assay range
169	174	assay range

QC RANGE	RESULT	ERROR
46-72		
16-27		
*** - ***		
0-0		
0-0		
0-0		
0-0		
0-0		
0-0		
0-0		

CALIBRATION REVIEW
Instrument Serial Number: 270580

METHOD: AHDL LOT: GA1292
CALIB. PRODUCT/LOT: AHDLCAL - OKD031

Status: CALIBRATED
Set up by: JK
Set up date: 09/15/20 01:52 PM
Accepted by:
Acceptance date: 09/15/20 02:08 PM
Acceptance mode: MANUAL
CAAP status: DEFAULT

Cal ID: 2009151408.AHDL.GA1292

Units: mg/dL
Calculation: LINEAR

Calibration Coefficients
C0: 3.7207
C1: 1.6604
C2:
C3:
C4:

Scalars: A: 0.000000 B: 0.000000
C: 1.020000 D: 2.600000

LEVEL	1	2	3	4	5
B TTL	2	43	169	***	***
MEAN	3.1	41.6	169.4	***	***
SD	0.1	0.4	3.6	***	***
#1	3	41	169	***	***
#2	3	42	166	***	***
#3	3	41	173	***	***
#4	***	***	***	***	***
#5	***	***	***	***	***

Statistics
m = 1.000
b = 0.000
r = 1.000

QC LEVEL	REF. INTERVAL	RESULT
#1	46.40-72.00	***
#2	16.40-27.30	***
#3	*** - ***	***
#4	0.000-0.000	***
#5	0.000-0.000	***

CALIBRATION

METHOD: ALB LOT ID: BB1215

Entered: 14:10 Sep 15 2020
 Operator: JK
 Calibrator Name: TP/ALB CAL
 Calibrator Lot: ODD036
 Calibration status: NOT ACCEPTED

Calibration Curve: LINEAR
 Units: g/dL

C0: -1.060 C1: 0.023

BOTTLE	RESULT	ERROR
0.4	1.1	
0.4	1.1	
0.4	1.1	
4.1	5.5	
4.1	5.4	
4.1	5.4	
8.1	10.0	assay range
8.1	10.0	assay range
8.1	10.0	assay range

QC RANGE	RESULT	ERROR
3.7-4.4		
2.3-2.7		
*** - ***		
*** - ***		
*** - ***		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		

CALIBRATION REVIEW

Instrument Serial Number: 270580

METHOD: ALB LOT: BB1215
 CALIB. PRODUCT/LOT: TP/ALB CAL - ODD036

Status: CALIBRATED
 Set up by: JK
 Set up date: 09/15/20 02:10 PM
 Accepted by:
 Acceptance date: 09/15/20 02:25 PM
 Acceptance mode: MANUAL
 CAAP status:

Cal ID: 2009151425.ALB.BB1215

Units: g/dL
 Calculation: LINEAR

Calibration Coefficients

C0: -1.5089
 C1: 0.0199
 C2:
 C3:
 C4:

LEVEL	1	2	3	4	5
B TTL	0.4	4.1	8.1	***	***
MEAN	0.39	4.12	8.09	***	***
SD	0.00	0.02	0.02	***	***
#1	0.4	4.1	8.1	***	***
#2	0.4	4.1	8.1	***	***
#3	0.4	4.1	8.1	***	***
#4	***	***	***	***	***
#5	***	***	***	***	***

Statistics

m = 1.000
 b = 0.000
 r = 1.000

QC LEVEL	REF. INTERVAL	RESULT
#1	3.690-4.370	***
#2	2.280-2.740	***
#3	*** - ***	***
#4	*** - ***	***
#5	*** - ***	***

the end

 + BANSAL HOSPITAL +
 + 14:32 Sep 15 2020 +

CALIBRATION REVIEW
 Instrument Serial Number: 270580

METHOD: TP LOT: GB1229
 CALIB. PRODUCT/LOT: TP/ALB CAL - ODD036

Status: CALIBRATED
 Set up by: JK
 Set up date: 09/15/20 02:15 PM
 Accepted by:
 Acceptance date: 09/15/20 02:32 PM
 Acceptance mode: MANUAL
 CAAP status:

Cal ID: 2009151432.TP.GB1229

Units: g/dL
 Calculation: LINEAR

Calibration Coefficients

C0: 3.8682
 C1: 0.0249
 C2:
 C3:
 C4:

LEVEL	1	2	3	4	5
B TTL	0.9	7.4	14.5	***	***
MEAN	0.86	7.49	14.46	***	***
SD	0.01	0.01	0.02	***	***
#1	0.8	7.5	14.5	***	***
#2	0.9	7.5	14.5	***	***
#3	0.9	7.5	14.4	***	***
#4	***	***	***	***	***
#5	***	***	***	***	***

Statistics

m = 1.000
 b = 0.000
 r = 1.000

QC LEVEL	REF. INTERVAL	RESULT
#1	6.570-7.700	***
#2	4.100-4.910	***
#3	*** - ***	***
#4	*** - ***	***
#5	*** - ***	***

 + CALIBRATION +
 + METHOD: TP LOT ID: GB1229 +
 + Entered: 14:15 Sep 15 2020 +
 + Operator: JK +
 + Calibrator Name: TP/ALB CAL +
 + Calibrator Lot: ODD036 +
 + Calibration status: NOT ACCEPTED +

Calibration Curve: LINEAR
 Units: g/dL
 C0: 3.700 C1: 0.022

BOTTLE	RESULT	ERROR
0.9	1.0	assay range
0.9	1.0	assay range
0.9	1.0	assay range
7.4	6.9	
7.4	6.9	
7.4	6.9	
14.5	13.2	assay range
14.5	13.2	assay range
14.5	13.1	assay range

QC RANGE	RESULT	ERROR
6.6-7.7		
4.1-4.9		
*** - ***		
*** - ***		
*** - ***		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		

 + the end +

 + BANSAL HOSPITAL +
 + 16:03 Sep 15 2020 +

CALIBRATION REVIEW
 Instrument Serial Number: 270580

METHOD: URCA LOT: FA1189
 CALIB. PRODUCT/LOT: CHEM1 - OGD040

Status: CALIBRATED
 Set up by: JK
 Set up date: 09/15/20 03:52 PM
 Accepted by:
 Acceptance date: 09/15/20 04:03 PM
 Acceptance mode: MANUAL
 CAAP status:

Cal ID: 2009151603.URCA.FA1189

Units: mg/dL
 Calculation: LINEAR

Calibration Coefficients
 C0: 0.0544
 C1: -0.0696
 C2:
 C3:
 C4:

LEVEL	1	2	3	4	5
B TTL	0.0	12.2	25.0	***	***
MEAN	0.01	12.18	25.01	***	***
SD	0.05	0.03	0.07	***	***
#1	0.0	12.2	25.0	***	***
#2	0.0	12.2	24.9	***	***
#3	0.1	12.2	25.1	***	***
#4	***	***	***	***	***
#5	***	***	***	***	***

Statistics

m = 1.000
 b = 0.000
 r = 1.000

QC LEVEL	REF. INTERVAL	RESULT
#1	4.090-5.050	***
#2	9.000-10.70	***
#3	*** - ***	***
#4	7.420-12.90	***
#5	14.50-21.60	***

 + the end +

 + BANSAL HOSPITAL +
 + 16:01 Sep 15 2020 +

+ CALIBRATION +

+ METHOD: URCA LOT ID: FA1189 +

+ Entered: 15:52 Sep 15 2020 +
 + Operator: JK +
 + Calibrator Name: CHEM1 +
 + Calibrator Lot: OGD040 +
 + Calibration status: NOT ACCEPTED +

+ Calibration Curve: LINEAR +
 + Units: mg/dL +

+ C0: 0.146 C1: -0.070 +

BOTTLE	RESULT	ERROR
0.0	0.1	
0.0	0.1	
0.0	0.2	
12.2	12.4	
12.2	12.3	
12.2	12.3	
25.0	25.2	assay range
25.0	25.2	assay range
25.0	25.3	assay range

QC RANGE	RESULT	ERROR
4.1-5.1		
9.0-10.7		
*** - ***		
7.4-12.9		
14.5-21.6		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		

 + BANSAL HOSPITAL +
 + 15:55 Sep 15 2020 +

CALIBRATION REVIEW
 Instrument Serial Number: 270580

METHOD: CRE2 LOT: FC1251
 CALIB. PRODUCT/LOT: CHEM1 - OGD040

Status: CALIBRATED
 Set up by: JK
 Set up date: 09/15/20 03:34 PM
 Accepted by:
 Acceptance date: 09/15/20 03:55 PM
 Acceptance mode: MANUAL
 CAAP status:

Cal ID: 2009151555.CRE2.FC1251

Units: mg/dL
 Calculation: LINEAR

Calibration Coefficients

C0: -0.5315
 C1: 0.0816
 C2:
 C3:
 C4:

Scalars: A: 0.000000 B: 0.000000
 C: 1.000000 D: -0.050000

LEVEL	1	2	3	4	5
B TTL	0.00	10.77	21.78	***	***
MEAN	0.000	10.759	21.785	***	***
SD	0.070	0.133	0.112	***	***
#1	-0.08	10.74	21.89	***	***
#2	0.03	10.64	21.79	***	***
#3	0.05	10.90	21.67	***	***
#4	***	***	***	***	***
#5	***	***	***	***	***

Statistics

m = 1.000
 b = -0.005
 r = 1.000

QC LEVEL	REF. INTERVAL	RESULT
#1	2.180-3.030	***
#2	5.250-6.740	***
#3	*** - ***	***
#4	51.50-71.50	***
#5	123.0-179.0	***

 + the end +

 + BANSAL HOSPITAL +
 + 15:42 Sep 15 2020 +

 + CALIBRATION +
 + METHOD: CRE2 LOT ID: FC1251 +
 + Entered: 15:34 Sep 15 2020 +
 + Operator: JK +
 + Calibrator Name: CHEM1 +
 + Calibrator Lot: OGD040 +
 + Calibration status: NOT ACCEPTED +
 + Calibration Curve: LINEAR +
 + Units: mg/dL +
 + C0: -0.387 C1: 0.082 +
 + Scalars: A: 0.000000 B: 0.000000 +
 + C: 1.000000 D: -0.050000 +
 + BOTTLE RESULT ERROR +
 + 0.00 0.07 assay range +
 + 0.00 0.18 +
 + 0.00 0.20 +
 + 10.77 10.98 +
 + 10.77 10.89 +
 + 10.77 11.15 +
 + 21.78 22.24 assay range +
 + 21.78 22.14 assay range +
 + 21.78 22.02 assay range +
 + QC RANGE RESULT ERROR +
 + 2.18-3.03 +
 + 5.25-6.74 +
 + *** - *** +
 + 51.50-71.50 +
 + 123.0-179.0 +
 + 0.00-0.00 +
 + 0.00-0.00 +
 + 0.00-0.00 +
 + 0.00-0.00 +
 + 0.00-0.00 +
 + *****

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+ BANSAL HOSPITAL
+ 18:56 Sep 15 2020
+++++
+ CALIBRATION
+ METHOD: DBI LOT ID: BA1266
+ Entered: 18:46 Sep 15 2020
+ Operator: SHEEGASU
+ Calibrator Name: TBL/DBL
+ Calibrator Lot: ODD054
+ Calibration status: NOT ACCEPTED
+ Calibration Curve: LINEAR
+ Units: mg/dL
+ CO: 0.060 C1: 0.075
+
+ BOTTLE RESULT ERROR
+-----
+ 0.0 0.2
+ 0.0 0.0 assay range
+ 0.0 0.0 assay range
+ 7.2 7.4
+ 7.2 7.4
+ 7.2 7.4
+ 19.0 18.2 assay range
+ 19.0 18.4 assay range
+ 19.0 18.4 assay range
+
+ QC RANGE RESULT ERROR
+-----
+ 0.1-0.3
+ 0.7-1.1
+ *** - ***
+ 0.0-0.0
+ 0.0-0.0
+ 0.0-0.0
+ 0.0-0.0
+ 0.0-0.0
+ 0.0-0.0
+ 0.0-0.0
+

```

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+ BANSAL HOSPITAL
+ 18:57 Sep 15 2020
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CALIBRATION REVIEW
Instrument Serial Number: 270580
METHOD: DBI LOT: BA1266
CALIB. PRODUCT/LOT: TBL/DBL - ODD054

```

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Status: CALIBRATED
Set up by: SHEEGASU
Set up date: 09/15/20 06:46 PM
Accepted by: SHEEGASU
Acceptance date: 09/15/20 06:57 PM
Acceptance mode: MANUAL
CAAP status:

```

Cal ID: 2009151857.DBI.BA1266

Units: mg/dL
Calculation: LINEAR

Calibration Coefficients
C0: -0.0182
C1: 0.0775
C2:
C3:
C4:

LEVEL	1	2	3	4	5
B TTL	0.0	7.2	19.0	***	***
MEAN	0.00	7.54	18.87	***	***
SD	0.07	0.01	0.11	***	***
#1	0.1	7.5	18.7	***	***
#2	0.0	7.6	18.9	***	***
#3	0.0	7.5	18.9	***	***
#4	***	***	***	***	***
#5	***	***	***	***	***

Statistics

m = 0.990
b = 0.160
r = 1.000

QC LEVEL	REF. INTERVAL	RESULT
#1	0.082-0.306	***
#2	0.703-1.100	***
#3	*** - ***	***
#4	0.000-0.000	***
#5	0.000-0.000	***

+++++
 + BANSAL HOSPITAL +
 + 16:57 Sep 15 2020 +
 +++++

CALIBRATION REVIEW
 Instrument Serial Number: 270580

METHOD: MG LOT: BB1303
 CALIB. PRODUCT/LOT: CHEM2 - 9KN062

Status: CALIBRATED
 Set up by: SHEEGASU
 Set up date: 09/15/20 04:48 PM
 Accepted by: SHEEGASU
 Acceptance date: 09/15/20 04:57 PM
 Acceptance mode: MANUAL
 CAAP status:

Cal ID: 2009151657.MG.BB1303

Units: mg/dL
 Calculation: LINEAR

Calibration Coefficients

C0: 0.1328
 C1: 0.0850
 C2:
 C3:
 C4:

LEVEL	1	2	3	4	5
B TTL	0.0	9.6	18.3	***	***
MEAN	-0.04	9.69	18.25	***	***
SD	0.04	0.07	0.03	***	***
#1	0.0	9.6	18.2	***	***
#2	0.0	9.8	18.3	***	***
#3	-0.1	9.7	18.2	***	***
#4	***	***	***	***	***
#5	***	***	***	***	***

Statistics

m = 1.000
 b = 0.000
 r = 1.000

QC LEVEL	REF. INTERVAL	RESULT
#1	1.780-2.480	***
#2	4.080-5.110	***
#3	*** - ***	***
#4	0.000-0.000	***
#5	0.000-0.000	***

the end

+++++
 + BANSAL HOSPITAL +
 + 16:56 Sep 15 2020 +
 +++++

CALIBRATION

METHOD: MG LOT ID: BB1303
 Entered: 16:48 Sep 15 2020
 Operator: SHEEGASU
 Calibrator Name: CHEM2
 Calibrator Lot: 9KN062
 Calibration status: NOT ACCEPTED

Calibration Curve: LINEAR
 Units: mg/dL

C0: -0.200 C1: 0.100

BOTTLE	RESULT	ERROR
0.0	-0.4	assay range
0.0	-0.4	assay range
0.0	-0.5	assay range
9.6	11.0	
9.6	11.1	
9.6	11.0	
18.3	21.1	assay range
18.3	21.2	assay range
18.3	21.1	assay range

QC RANGE	RESULT	ERROR
1.8-2.5		
4.1-5.1		
*** - ***		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		

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 + BANSAL HOSPITAL +
 + 16:32 Sep 15 2020 +
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 + BANSAL HOSPITAL +
 + 16:30 Sep 15 2020 +
 +++++

 + CALIBRATION +
 +-----+
 + METHOD: RCRP LOT ID: FB1238 +
 +-----+
 + Entered: 16:20 Sep 15 2020 +
 + Operator: SHEEGASU +
 + Calibrator Name: RCRP CAL +
 + Calibrator Lot: 0CD013 +
 + Calibration status: NOT ACCEPTED +
 +-----+

+ Calibration Curve: LOGIT +
 + Units: mg/dL +
 +-----+
 + C0: -13.700 C1: 119.500 +
 +-----+

BOTTLE	RESULT	ERROR
0.0	0.1	
0.0	0.1	
2.0	1.9	
2.0	1.9	
4.1		arithmetic
4.1		arithmetic
12.5		arithmetic
12.5		arithmetic
27.1		arithmetic
27.1		arithmetic

QC RANGE	RESULT	ERROR
0.1-0.3		
0.1-0.3		
0.6-0.8		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		

CALIBRATION REVIEW
 Instrument Serial Number: 270580

METHOD: RCRP LOT: FB1238
 CALIB. PRODUCT/LOT: RCRP CAL - 0CD013

Status: CALIBRATED
 Set up by: SHEEGASU
 Set up date: 09/15/20 04:20 PM
 Accepted by: SHEEGASU
 Acceptance date: 09/15/20 04:32 PM
 Acceptance mode: MANUAL
 CAAP status:

Cal ID: 2009151632.RCRP.FB1238

Units: mg/dL
 Calculation: LOGIT

Calibration Coefficients

C0: -8.4254
 C1: 87.7643
 C2: -2.7688
 C3: 14.6895
 C4: 0.5000

LEVEL	1	2	3	4	5
B TTL	0.0	2.0	4.1	12.5	27.1
MEAN	0.00	2.05	4.06	12.50	27.08
SD	0.02	0.00	0.03	0.08	0.04
#1	0.0	2.0	4.0	12.6	27.1
#2	0.0	2.0	4.1	12.4	27.1
#3	***	***	***	***	***
#4	***	***	***	***	***
#5	***	***	***	***	***

Statistics

m = 1.000
 b = 0.000
 r = 1.000

QC LEVEL	REF. INTERVAL	RESULT
#1	0.122-0.298	***
#2	0.098-0.278	***
#3	0.560-0.780	***
#4	0.000-0.000	***
#5	0.000-0.000	***

+++++
 + the end +
 +++++

 + BANSAL HOSPITAL +
 + 16:52 Sep 15 2020 +

+ CALIBRATION +
 + METHOD: LDI LOT ID: EA1244 +

+ Entered: 16:41 Sep 15 2020 +
 + Operator: SHEEGASU +
 + Calibrator Name: ENZ 1 CAL +
 + Calibrator Lot: OED067 +
 + Calibration status: NOT ACCEPTED +

+ Calibration Curve: LINEAR +
 + Units: U/L +

+ C0: 0.000 C1: 1.000 +

BOTTLE	RESULT	ERROR
0.0	2.5	assay range
0.0	2.6	assay range
0.0	2.3	assay range
547.0	38.8	
547.0	38.7	
547.0	38.7	
1079.0	76.0	
1079.0	75.9	
1079.0	75.9	

QC RANGE	RESULT	ERROR
133.0-212.0		
321.0-472.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		

 + BANSAL HOSPITAL +
 + 16:53 Sep 15 2020 +

CALIBRATION REVIEW
 Instrument Serial Number: 270580

METHOD: LDI LOT: EA1244
 CALIB. PRODUCT/LOT: ENZ 1 CAL - OED067

Status: CALIBRATED
 Set up by: SHEEGASU
 Set up date: 09/15/20 04:41 PM
 Accepted by: SHEEGASU
 Acceptance date: 09/15/20 04:53 PM
 Acceptance mode: MANUAL
 CAAP status:

Cal ID: 2009151653.LDI.EA1244

Units: U/L
 Calculation: LINEAR

Calibration Coefficients
 C0: -31.4530
 C1: 14.6844
 C2:
 C3:
 C4:

LEVEL	1	2	3	4	5
B TTL	0.0	547.0	1079.0	***	***
MEAN	4.79	537.28	1083.9	***	***
SD	1.86	1.04	0.95	***	***
#1	4.6	538.5	1085.0	***	***
#2	6.7	536.8	1083.2	***	***
#3	3.0	536.6	1083.5	***	***
#4	***	***	***	***	***
#5	***	***	***	***	***

Statistics

 m = 1.000
 b = 0.000
 r = 1.000

QC LEVEL	REF. INTERVAL	RESULT
#1	133.0-212.0	***
#2	321.0-472.0	***
#3	0.000-0.000	***
#4	0.000-0.000	***
#5	0.000-0.000	***

 + BANSAL HOSPITAL +
 + 19:56 Sep 15 2020 +

CALIBRATION REVIEW
 Instrument Serial Number: 270580

METHOD: PHOS LOT: BC1278
 CALIB. PRODUCT/LOT: CHEM2 - 9KN062

Status: CALIBRATED
 Set up by: SHEEGASU
 Set up date: 09/15/20 07:43 PM
 Accepted by: SHEEGASU
 Acceptance date: 09/15/20 07:56 PM
 Acceptance mode: MANUAL
 CAAP status:

Cal ID: 2009151956.PHOS.BC1278

Units: mg/dL
 Calculation: LINEAR

Calibration Coefficients

C0: -1.0046
 C1: 0.0574
 C2:
 C3:
 C4:

LEVEL	1	2	3	4	5
B TTL	2.0	5.0	8.0	***	***
MEAN	1.99	5.01	7.99	***	***
SD	0.04	0.05	0.02	***	***
#1	2.0	5.0	8.0	***	***
#2	2.0	5.1	8.0	***	***
#3	2.0	5.0	8.0	***	***
#4	***	***	***	***	***
#5	***	***	***	***	***

Statistics

m = 1.000
 b = 0.000
 r = 1.000

QC LEVEL	REF. INTERVAL	RESULT
#1	3.340-4.140	***
#2	6.920-8.130	***
#3	*** - ***	***
#4	0.000-0.000	***
#5	0.000-0.000	***

 + BANSAL HOSPITAL +
 + 19:55 Sep 15 2020 +

CALIBRATION
 METHOD: PHOS LOT ID: BC1278

Entered: 19:43 Sep 15 2020
 Operator: SHEEGASU
 Calibrator Name: CHEM2
 Calibrator Lot: 9KN062
 Calibration status: NOT ACCEPTED

Calibration Curve: LINEAR
 Units: mg/dL

C0: -1.100 C1: 0.077

BOTTLE	RESULT	ERROR
2.0	2.9	
2.0	2.9	
2.0	3.0	
5.0	6.9	
5.0	7.0	
5.0	6.9	
8.0	11.0	assay range
8.0	11.0	assay range
8.0	10.9	assay range

QC RANGE	RESULT	ERROR
3.3-4.1		
6.9-8.1		
*** - ***		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		
0.0-0.0		

