

CERTIFICATE OF CALIBRATION

Issued from : Choksi Laboratories Limited
 Survey No. 9/1, Balaji Tulsiyana Industrial Estate,
 Kumed, Off. M.R. 10 Toll Naka,
 Indore -452010 (M.P.), INDIA



CALIBRATION CERTIFICATE NUMBER:04600331/03/21-22

EQUIPMENT NAME : Fully Automatic Biochemistry Analyzer(Temperature)			
RECEIVED ON	CALIBRATED ON	CALIBRATION DUE DATE RECOMMENDED	PAGE NO.
05.02.2022	10.02.2022	10.02.2023	1 of 1

I. Calibrated for : PRESTIGE MEDICAL INVESTIGATION, INDORE
 12/2, NEW AGRAWAL NAGAR, AGRASEN SQUARE
 Indore, Madhya Pradesh
 India - 452001

II. Description and Identification of Instrument :

Sample Id:	04600331/03
Make:	ABM
Model:	ABM-200
Type:	SUN6020 1655T
Serial No.	Not mentioned

Range:	Alb: Albumin to TIBC
Calibrated Range:	Alb: Albumin to TIBC
Least Count:	Not Applicable
Condition on receipt:	Satisfactory
Identification No. :	Not mentioned

III. Environment Condition-

Temperature :	25 ± 5 °C
Relative Humidity :	45 to 75 % RH

IV. Standard/Calibrator and Measuring Equipment Used :

Nomenclature	Range	Uncertainty	Lot No.	Traceability	Validity
Assayed Clinical Chemistry Calibrator	Alb: Albumin to TIBC	± 5 % on reading	41040382 31060159	AGAPPC	31.05.2023

V. Results:

Serial No.	Unit	Analyte	UUC* Target SD	Standard Reading	Correction
1	g/dL	ALB : Albumin	0.60	0.60	0.00
2	U/L	Alkaline phosphatase	36.00	36.00	0.00
3	U/L	ALT/ SGPT: Alanine amino transferase	5.30	5.30	0.00
4	U/L	AMYL : Amylase	19.50	19.50	0.00
5	U/L	AST/SGOT: Aspartate amino transferase	7.00	7.00	0.00
6	mg/dL	BIL - T : Billirubin Total	0.35	0.35	0.00
7	mg/dL	Calcium	1.00	1.00	0.00
8	mg/dL	Cholesterol	25.00	25.00	0.00
9	mg/dL	Creatinine	0.32	0.32	0.00
10	mg/dL	Glucose	12.50	12.50	0.00
11	mg/dL	Magnesium	0.70	0.70	0.00
12	mg/dL	Phosphorus	0.70	0.70	0.00
13	mg/dL	Triglyceride	16.80	16.80	0.00
14	g/dL	Total Protein	0.95	0.95	0.00
15	mg/dL	Uric acid	0.85	0.85	0.00
16	mg/dL	Urea	8.00	8.00	0.00
17	mmol/L	Chloride	118.2	118.3	0.10
18	mmol/L	Sodium	144.4	144.3	-0.10
19	mmol/L	Potassium	4.28	4.00	-0.28
20	g/dL	HDL Cholesterol	8.90	8.90	0.00

Note : 01.UUC* : Unit Under Calibration
 : 02. Certificate shall not be reproduced in full without the written approval of the laboratory
 : 03. The results relate only to the item calibrated.

Other Details
 01.Certificate issue date : 14/02/2021
 02.Location of calibration: Site
 03. The results relate only to the item calibrated

VI. Inference:
 01. The correction is positive except when indicated other wise It has to be algebraically added to the UUC # reading in order to get the actual reading .

VII. Reference:
 01. The Calibration is carried out as per the Calibration Procedure
 02. All the values have been rounded off as per IS:2-1960.

VIII. Details of Adjustment Made (If any) Not Done

CALIBRATED BY IDR00910

AUTHORISED SIGNATORY

Signature Not Verified
 Mitesh J Doshi
 CH: Mitesh J Doshi, IDR01151
 14.02.2022 10:38

END OF CALIBRATION CERTIFICATE

IMPORTANT INFORMATION FOR CERTIFICATE OF ANALYSIS (CoA) / CALIBRATION (CoC):

1. Sample(s) / Instruments are drawn and submitted by the client unless otherwise stated.
2. This certificate refers only the particular item and reported parameters submitted for calibration / analysis.
3. The results reported in this certificate are valid for the sample / instrument received as is and at the time of and under the stipulated conditions of measurement.
4. This certificate is for the customer's information only, and can neither be used in part nor in full, in any media or court of law, without prior written permission of CLL.
5. Endorsement of products is neither inferred nor implied.
6. In case of any dispute, Indore jurisdiction is applicable.
7. Perishable samples will be destroyed after testing; toxic / hazardous samples will be returned to the customer or shall be forwarded for incineration.
8. Total Liability of CLL is limited to the invoiced amount.
9. In the event, no zone is mentioned, CoA/CoC must be considered for Domestic (India) only.

CLL LABS - APPROVALS / ACCREDITATIONS BY:



Note: Each CLL lab has different approvals / accreditations. Please check with the on-site BD cell for any specific registrations / submissions prior to sending test request. Your test request must mention the purpose / regulatory body / agency for which the testing is to be carried out.

CLL's SERVICE AREAS

Food & Beverages Testing Services

Agro Products (Food Raw Materials & Products, Milk & Milk Products, Agrochemicals, Fertilizers, Food Additives)

Drugs and Chemicals Testing Services:

Pharmaceuticals, Herbals, Cosmetics, Ayurvedic - Raw Materials, Formulations & Chemicals Analysis

Building Materials Testing Services:

Metals, Sand/Aggregate, Bricks, Paving Block, Cement, Paints, Minerals, PVC/HDPE Pipes, Packaging Materials & Wood Products, On-site inspection services for soil and constructions sites.

Water & Waste Water:

Drinking Water (IS:10500), Purified water for pharmaceutical use, Recreational Water, EPA / WHO Water, Water for Injections, Water for food processing, Water for dialysis etc.

Calibration Services:

Thermal, Mechanical (Mass, Volume, Speed, Pressure, Vacuum), Area / Autoclave / Steam tunnel Mapping, Electro-technical, Dimension, etc.

Other Testing, Research & Validation services:

Toys testing, Disinfectants / Sanitizers testing, Consumer products (such as Water purifiers, Sterilizers etc.), Soil investigation & analysis, Waste / Used oil for recycling / incineration, etc.

Environment Services:

Indoor and Outdoor Monitoring for workplaces / hotels / hospitals / homes etc., Industrial monitoring – ambient and stack, River/Lake water quality survey.

CLL's LAB LOCATIONS

Indore Laboratory (Corporate Office & Center of Excellence)

Survey No. 9/1, Balaji Tulsiana Industrial Estate, Kumedi, Off MR10 Toll Plaza, Indore (M.P.) - 452010
Tel: +91-731-3501112 (60 lines)
E-mail : bd@choksilab.com

CLL Baroda Laboratory

829 GIDC, Makarpura Baroda – 390010,
Tel: +91-265-2978001
E-mail : mailto:baroda@choksilab.com

CLL Panchkula Laboratory

Plot No. 362, Industrial Area, Phase –II, Panchkula – 734 112
(Haryana) Tel: +91-172-5048600 / 01 / 02
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CLL Vapi Laboratory

32, Vibrant Business Park, Opp. UPL, N.H. - 48, Vapi, Gujarat,
India 396195 Tel: +91-260-2433488, 2432715, 2432731
E-mail : mailto:vapi@choksilab.com

CLL Goa Laboratory

C-18, C-20 Verna Industrial Estate, Phase – 1A, Verna – 403722,
Goa (India) Tel: +91-838-0033301 / 02 / 03 / 04
E-mail : mailto:goa@choksilab.com

CERTIFICATE OF CALIBRATION

Issued from : Choksi Laboratories Limited
 Survey No. 87, Balaji Tulayana Industrial Estate,
 Kumbhari, Ch. N.R. 10 Tall Haha,
 Indore - 452018 (M.P.), INDIA



CHOKSI
 LABORATORIES LIMITED

CALIBRATION CERTIFICATE NUMBER: 03900003-07/21-22

EQUIPMENT NAME : Fully Automatic Biochemistry Analyzer (Temperature)		PAGE NO.
RECEIVED ON	CALIBRATED ON	CALIBRATION DUE DATE RECOMMENDED
28.05.2021	31.05.2021	31.05.2022
		1 of 1

I. Calibrated for :
 PRESTIGE MEDICAL INVESTIGATION, INDORE
 12/2, NEW AGRAWAL NAGAR, AGRASEN SQUARE
 Indore, Madhya Pradesh
 India - 452001

II. Description and Identification of Instrument :

Sample Id:	03900003-07
Make:	ABM
Model:	ABM-200
Type:	SUN6020 1655T
Serial No.	Not mentioned

Range:	30.0 to 45.0 °C
Calibrated Range:	30.1 to 45.1 °C
Least Count:	0.1 °C
Condition on receipt:	Satisfactory
Identification No. :	Not mentioned

III. Environment Condition-

Temperature :	25 ± 5 °C
Relative Humidity :	45 to 75 % RH

IV. Standard/Calibrator and Measuring Equipment Used :

Nomenclature	Range	Uncertainty	Certificate No.	Traceability	Validity
Digital thermometer with sensor	-79.8 to 299.8 °C	± 0.142 to 0.350 °C	M-200629-21-1	CC-2634	16.07.2021

V. Results: (Temperature)

Serial No.	Unit	Thermal Calibration		Correction	Uncertainty (For k=2, 95.45 % C.L.) ±
		UUC* Average	Standard Average		
1	°C	30.06	30.44	0.38	0.82
2	°C	35.08	35.02	-0.06	0.82
3	°C	37.04	37.06	0.02	0.82
4	°C	40.06	40.70	0.64	0.82
5	°C	45.08	45.10	0.02	0.82

Note : 01. UUC* : Unit Under Calibration

02. Certificate shall not be reproduced in full without the written approval of the laboratory

03. The results relate only to the item calibrated.

Other Details

01. Certificate issue date : 02/06/2021

02. Location of calibration : Site

03. The results relate only to the item calibrated

VI. Inference:

01. The correction is positive except when indicated otherwise it has to be algebraically added to the UUC* reading in order to get the actual reading.

VII. Reference:

01. The Calibration is carried out as per the CLL Calibration Procedure

No. CLL-IDR-SWP-CAL-00041

02. All the values have been rounded off as per IS:2-1960.

03. The laboratory is NABL Accredited having certificate No. CG-2089, ULR NO. CG208921000001237F

VIII. Details of Adjustment Made (if any)

Not Done

CALIBRATED BY IDR00910

AUTHORISED SIGNATORY

Signature Not Verified
 Milash J. Doshi 1101151
 02.06.2021 14:44

END OF CALIBRATION CERTIFICATE

Deals in:- Hematology, Biochemistry, Electrolyte, Urine Analyzers, Reagents & Consumables.

Fully Automated Biochemistry Analyzer ABM-300

❖ **Installation qualification report**

1. Line voltage is ok range 223-235.
2. Place Temperature humidity is in range.
3. Working atmosphere is Ok.

❖ **Operational Qualification**

1. All the instruments parameters are with in the range.
2. All robotic arms movements are perfect.
3. Reaction cuvetts temperature are with in the range.
4. Reagents chamber temperature is in range cooling is proper.

❖ **Performance Certification**

1. All the test parameters done on the machine after calibration are in the permissible range limit.
2. Rum QC in machine and result.
3. Washing station movements and washing of cuvetts are in the range O.D of cuvetts in normal limit.



CLL-MSP-5.5-01-Annex.-02
Calibration Tag



Ver 5.0 Effective Date: 01-04-2019

Last Ver 4.0 Dated 01-04-2017

Next Review Due On: 01-04-2022

Equipment ID: Not Mentioned
CoC ID: 03900003-02/21-22
Equipment Name: Fully Automatic Bioche
Calibrated On: (Date of Initiation) 31/05/2021
Calibration Completed on: (Date of completion) 31/05/2021
Recommended Due Date : 31/05/2022
Valid Calibration Range : Refer CoC
Equipment Serial No.: SUN60201655T
Signature: [Signature]

NOTE: Calibration Tag (to be displayed on the instrument after calibration, along-with Equipment Tag, CLL-MSP-5.5-01-05).
Replace after every calibration. Attach the old calibration tags with its corresponding CoC (Certificate of Calibration).
Give CoC as follows:
CLL - 3 Character Branch Code - 'CoC' - 3 Character Equipment ID / ddmmyyy
(For E.g. IDR-CoC-001/010415 represents calibration tag of Equipment ID '001' at CLL's Indore Branch, on 01 APRIL 2015).

