



## Certificate of Conformity and Calibration

TO WHOMSOEVER IT MAY CONCERN

### ISO 15189:2012 REQUIREMENTS REGARDING, "CALIBRATION AND VERIFICATION PROCEDURE"

All Transasia Bio-Medicals Ltd diagnostics products which are distributed and for which a certificates is issued are CE Marked. Transasia Bio-Medicals Ltd , Mumbai ,manufacturers of diagnostic devices with company quality management system in compliance with standard ISO13485:2016 ;ISO9001:2015 .This means that all the processes in development and manufacturing of TBM products are guided by quality management system.

TBM declares and assure following

- The mentioned regulations require that production system and measuring devices are qualified and manufacturing and test procedures are validated as per ISO 13485:2016 and ISO 9001:2015 standard and it is assured through schedule maintenance and by regular qualification.
- TBM declares to have established procedure and to maintain it in order to assure the post marketing surveillance according to directive of 98/79/EC.
- All physical quantities, calibrators and controls used in TBM system are fully traceable to certified standards or reference materials.
- All TBM products are factory calibrated and final qc passed at the time of release.
- The performance of TBM system at customer site is assured if regular QC measurements, cleaning and maintenance procedure as described in the instruction for use or service documentation are performed
- Additional calibration or verification procedure is not required in order to assure the specified performances of every TBM system. Only if user deviates from the manufactures recommendation does he have to establish site specific calibration and verification procedure as part of his accreditation process.

Date:-26/04/2021

Manish Airan

Head Of Quality Department & Regulatory

ERBA - EM 200

## FULLY AUTOMATED BIOCHEMISTRY ANALYZER

SerialNo. V200050



### INSTALLATION QUALIFICATION

For

Customer Name: H CLOUD HEALTH CARE #161B 6<sup>TH</sup> MAIN  
3<sup>RD</sup> CROSS ROAD 3<sup>RD</sup> PHASE JP NAGAR BANGALORE-560078

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## 1.0 PRE APPROVAL

### 1.1 Prepared By

Name	Designation	Signature	Date
ESHWAR	SERVICE ENGINEER		19/3/22

### 1.2 Checked By

Name	Designation	Signature	Date
ESHWAR	SERVICE ENGINEER		19/3/22

### 1.3 Approved By

Name	Designation	Signature	Date
MR. RAVINDRA BABU	RSM		19/3/22

Note: After the Pre-Approval, this document is effective for the execution.





## 2.0 OBJECTIVE

The objective of this document is to provide an outline for the inspection of EM 200 (Bio-Chemistry Random Analyzer) and to verify that the following boundaries:

- Each Installed subcomponent complies with the engineering design and instrument data sheet / design specifications & manufacturer's recommendations.
- To ensure that all the safety features are defined before the start up of operational qualification exercise.
- The system meets the current regulatory requirements.
- To identify the Standard operating procedures for Operational Qualification.

## 3.0 SCOPE

The scope of this protocol is to outline procedure for Installation qualification of the subjected instrument within the following boundaries:

- Identification and verification of its Major components / Accessories
- Identification, Classification and Verification of Process Control Instruments / Gauges / Devices
- Identification and verification of Material of Construction
- Identification and verification of Supporting Utilities
- Identification of Standard Operating Procedures
- Identification and Verification of Documents



## 4.0 EXECUTION TEAM

Name	Department	Designation	Signature

**5.0 INSTRUMENT DESCRIPTION**

The Clinical Chemistry Analyzer is an open, full automated, discrete, patient prioritized, random access, computerized analyzer.

**Technical Specifications:**

System Type	Open, Automated, Discrete, Random Access, Patient Prioritized, 1/2 Reagents
Analysis Speed	200 Biochemistry tests per hour 400 tests per hour (with ISE) for a cycle time of 18 seconds
Display resolution	1024 X 768
Analyzer Dimensions	810 (W) x 800 (D) x 600 (H) mm
Number of tests on board	Maximum: 50
Assay Modes	1-point, 2-point, Rate-A and Rate -B, ISE optional
Calibration	Linear (two point and multi point), Factorized and Non-linear multipoint
Sample (Tubes / Cups)	Primary tubes of 5, 7 or 10ml. & sample cups
Photometric Optics	Mono and Bi-chromatic measurement using 8 wavelengths
Absorbance Range	0 - 2.5
Auxiliary Data	10,000 results
Interface	RS-232 C port for Bi-directional Communication
Stat Sampling	Total 30 positions



## **Purpose:**

The purpose of this instrument is to analyze the bio-chemical parameters, such as Sugar, Cholesterol, Tri-glycerides, Proteins, etc.

The working unit of the analyzer comprises the following:

- Basic operating unit with an intelligent photometer
- Sophisticated robotics combined with an operating console and a central processing unit (CPU).

## **Operating Unit:**

The operating unit of the analyzer includes the sample and reagent handling systems. The sample handling system consists of a sample tray, sample arm, sample syringe and a wash station for the sample probe.

## **Photometric System:**

The photometric system consists of 45 hard glass cuvettes, multi wavelength diffracting photometer and a halogen lamp.

## **Operating Console:**

The operating console consists of a touch screen (optional) color TFT monitor, a key board and a mouse.

## **CPU (Central Processing Unit):**

CPU consists of Pentium - IV 1.7 GHz processor (or Higher) with a 48 x CD Drive, and minimum 256 MB memory. The application software can be installed on computers with operating systems of Windows XP.

Besides the above mentioned, this analyzer has got the unique Software and Hardware features.





## 5.0 IDENTIFICATION OF MAJOR COMPONENTS / ACCESSORIES

Details of each major component identified in this section, is recorded in a data sheet under the section 08.0.

Name of Component / Accessories	Present	Verified by Signature	Observations
	Yes / No		
Sample Tray / Disk	Yes		
Sample Syringe	Yes		
Sample Probe	Yes		
Wash Station for Sample Probe	Yes		
Reagent Tray / Disk	Yes		
Reagent Bottles	Yes		
Reagent Probe	Yes		
Stirrer	Yes		
Permanent Reaction Cuvette	Yes		
9 Stage Laundry System	Yes		
Light Source	Yes		
Sample Cups	Yes		
Software of EM 200	Yes		





## 7.0 INSTALLATION CHECK / REVIEW

S. No.	Statement	Yes / No	Verified by Signature
1.	Verify that the "as built" drawings are complete and represent the design concept	YES	
2.	Verify that major components / accessories are securely anchored and shock proof.		
3.	Verify that there is no observable physical damage.		
4.	Verify that there is sufficient room of servicing provided		
5.	Verify that all utilities and electrical connections have been done according to the drawings.		
6.	Walking access to ground mounted instrument provided.		
7.	Required electric connections are tight, weather proof and earthed.		
8.	Instrument identification nameplate visible.		
9.	Units installed on foundation and secure in place as per manufacturer's recommendations.		
10.	Verify that the instruments installed and leveled properly on the floor.		
11.	Verify that the Material of Construction is proper and meeting the requirements.		



## INSPECTION CHECK / REVIEW

### Instructions for completing the check / review

1. For each **data sheet**, record the required information with pen. Wherever required record "Yes" for acceptance, "No" for non-compliance and "NA" for not applicable.  
**"No" replies must be explained / justified.**
2. When more than one component of same specification/type exists in the same equipment, individual data sheets should be filled for each component.
3. When a list of acceptable options is presented, tick (✓) the option that is actually present.
4. In the "Method of Verification" column indicate that item is installed and inspected according to manufacturer's specifications, such as by Visual / Physical, SOP, Test Certificate, Manual, etc.



**Instrument/ Component Name: Sample Tray / Disk**

**Date :19-03-2022**

Description	Specified	Actual	Method of Verification	Verified by Signature
No. of patient cups / samples	30 positions	30	MANUAL	
Standards / Stat	30 positions	30+9	MANUAL	
Blank	Can be put on any position		YES	
ISE positions (Optional)	Can be programmed on any positions	NA	NA	
Controls	Can be programmed on any positions		YES	



Instrument/ Component Name: Sample Syringe

Date :19-03-2022

Description	Specified	Actual	Method of Verification	Verified by Signature
Dispensing Volume	2 – 70 $\mu$ L	2-70	AUTOMATED	
Installed Location	Behind the instrument on the right side			
Quantity	01 No.	01		
Increase in dispensing volume	0.2 $\mu$ L	0.2		



**Instrument/ Component Name: Sample Probe****Date :19-03-2022**

Description	Specified	Actual	Method of Verification	Verified by Signature
Aspiration Volume	2 - 70 $\mu$ L	2-70		<i>Blair</i>
MOC	Teflon coated	Teflon coated		
Quantity	01 No.	01		
Increase in aspiration volume	0.2 $\mu$ L	0.2		

**Instrument/ Component Name: Wash Station for Sample Probe****Date :19-03-2022**

Description	Specified	Actual	Method of Verification	Verified by Signature
No. of position	01 No	1	MANUSAL	<i>Blair</i>
Type of positions	i) Drain ii) Trough		MANUAL	



Instrument/ Component Name: Reagent Tray / Disk

Date :19-03-2022

Description	Specified	Actual	Method of Verification	Verified by Signature
Cool reagent disk	50 positions		MANUAL	
Outer Rings	25 positions		MANUAL	
Inner Rings	25 positions		MANUAL	
Adaptors of 5mL	50 positions		MANUAL	
Maintenance of Temperature	8-12°C ± 2°C		MANUAL	
Rotation of disk	Counter-Clockwise		MANUAL	
Time for Rotation of one Cuvette	Every 18 seconds		MANUAL	



## Instrument/ Component Name: Reagent Bottles


Date :19-03-2022

Description	Specified	Actual	Method of Verification	Verified by Signature
Minimum Capacity	20 mL.	20 mL.	MANUAL	
Maximum Capacity	50 mL.	50 mL.	MANUAL	
Quantity (Large)	25 Nos'	25 Nos'	MANUAL	
Quantity (Smaller)	25 Nos'	25 Nos'	MANUAL	
Type	Screw Capped	Screw Capped	MANUAL	
Outer ring position	20 mL bottles & 5ml adaptors	20 mL bottles & 5ml adaptors	MANUAL	
Inner ring position	20 mL & 50 mL bottles & 5ml adaptors	20 mL & 50 mL bottles & 5ml adaptors	MANUAL	
MOC	Plastic	Plastic	MANUAL	
Adaptor	50 Nos'	50 Nos'	MANUAL	
Adaptor Capacity	5 mL.	5 mL.	MANUAL	
Identification of Reagents	Barcode labels on the reagent containers	Barcode labels on the reagent containers	MANUAL	




**Instrument/ Component Name: Reagent Probe**

**Date :19-03-2022**

Description	Specified	Actual	Method of Verification	Verified by Signature
Aspiration/Dispensing Volume	R1: 50 – 300 $\mu$ L	R1: 50 – 300 $\mu$ L	AUTOMATED	
	R2: 0 or 10 – 300 $\mu$ L	R2: 0 or 10 – 300 $\mu$ L	AUTOMATED	
MOC	Teflon coated	Teflon coated	MANUAL	
Quantity	02 Nos.	02 Nos.	MANUAL	
Increase in aspiration/dispensing volume	1 $\mu$ L	1 $\mu$ L	MANUAL	

**Instrument/ Component Name: Reagent Syringe**

**Date :19-03-2022**

Description	Specified	Actual	Method of Verification	Verified by Signature
Maximum capacity	500 $\mu$ L	500 $\mu$ L	MANUAL	
Installed Location	At the back of the instrument on the right side	At the back of the instrument on the right side	MANUAL	
Quantity	01 No.	01 No.	MANUAL	
Increase in dispensing volume	1 $\mu$ L	1 $\mu$ L	MANUAL	





**Instrument/ Component Name: Stirrer**

**Date :19-03-2022**

Description	Specified	Actual	Method of Verification	Verified by Signature
Type	Single Stirrer	01	MANUAL	
No. of paddles	01 No.	01	MANUAL	

**Instrument/ Component Name: Permanent Reaction Cuvette**

**Tag/Identification No.:**

**Date :19-03-2022**

Description	Specified	Actual	Method of Verification	Verified by Signature
Quantity	45 No's	45 No's	MANUAL	
MOC	Hard Glass	Hard Glass	MANUAL	
Capacity	770 µL	770 µL	MANUAL	



**Instrument/ Component Name: 7 Stage Laundry System**

**Date :19-03-2022**

Description	Specified	Actual	Method of Verification	Verified by Signature
Nozzles	Nozzle - 1		MANUAL	<i>[Signature]</i>
	Nozzle - 2		MANUAL	
	Nozzle - 3		MANUAL	
	Nozzle - 4		MANUAL	
	Nozzle - 5		MANUAL	
	Nozzle - 6		MANUAL	
	Nozzle - 7		MANUAL	

**Instrument/ Component Name: Light Source**

**Date :19-03-2022**

Description	Specified	Actual	Method of Verification	Verified by Signature
Watts	12 W		MANUAL	<i>[Signature]</i>
Volts	12 V		MANUAL	
MOC	Halogen		MANUAL	
Quantity	01 No		MANUAL	

Instrument/ Component Name: Sample Cups

Date :19-03-2022.



Description	Specified	Actual	Method of Verification	Verified by Signature
Quantity	500 No's.		MANUAL	<i>[Signature]</i>
MOC	Plastic		MANUAL	
Capacity	2 mL.		MANUAL	

Instrument/ Component Name: Software of EM 200

Date :19-03-2022

Description	Specified	Actual	Method of Verification	Verified by Signature
Version			MANUAL	<i>[Signature]</i>
CD number			MANUAL	
Product	EM- 200	EM- 200	MANUAL	
Make	Erba Transasia	Erba Transasia	MANUAL	



## IDENTIFICATION AND VERIFICATION OF MATERIAL OF CONSTRUCTION

Identify and list down all components of the equipment for its material of construction.

*Method of Test may be Molybdenum Test, Test Certificate, Manual, etc.*

Component (s)	Material of Construction	Actual	Method of Verification	Verified by Sign & Date
Sample Probe	Teflon coated	Teflon coated	MANUAL	
Reagent Probe	Teflon coated	Teflon coated	MANUAL	
Permanent Reaction Cuvette	Hard Glass	Hard Glass	MANUAL	
Light Source	Halogen	Halogen	MANUAL	
Reagent Bottle	Plastic	Plastic	MANUAL	
Sample Cups	Plastic	Plastic	MANUAL	

## 10.0 IDENTIFICATION AND VERIFICATION OF SUPPORTING UTILITIES

List the supporting utilities and record whether or not they are properly connected and identified.

Utilities	Observation / Result	Verified by Sign & Date
Power	MANUAL	
Distilled Water	MANUAL	
Wash Solution	MANUAL	
UPS	MANUAL	





## 12.0 IDENTIFICATION AND VERIFICATION OF DOCUMENTS

### 12.1 DRAWINGS

Title	Drawing No.	Verified by Sign & Date
As-built Drawing		

## 11.0 IDENTIFICATION OF STANDARD OPERATING PROCEDURE

SOP No.	Title
Operation	Operation of Bio-Chemistry Random Analyzer
Calibration	Calibration of Parameters
Controls	Checking of Controls for Parameters
Maintenance	Maintenance / Checking of Distilled water, Waste, Wash solution, Cuvette rinse, Sample probe wash and Water save
Cleaning	Cleaning of Instrument surface



## 12.2 GENERAL DOCUMENTS

Title	Document No.	Verified by Sign & Date
<b>General</b>		
Purchase Order No.		
Warranty Certificate		
Invoice		
<b>Test Certificates</b>		
Material of Construction		
Electrical Motor		

## 15.0 ABBREVIATIONS

SOP	Standard Operating Procedure
MOC	Material of Construction
IQ	Installation Qualification



## 16.0 POST APPROVAL:

### 16.1 Checked by

Name	Designation	Signature	Date
MS.ANITHA			

### 16.2 Approved by

Name	Designation	Signature	Date
DR.VENUS KUMAR	Lab HEAD		

**Note:** This report is effective from the date of approval.



ERBA- EM 200  
FULLY AUTOMATED BIOCHEMISTRY ANALYZER  
Serial No. V200050

## OPERATIONAL QUALIFICATION

For

Customer Name: H CLOUD HEALTH CARE #161B 6<sup>TH</sup> MAIN 3<sup>RD</sup> CROSS ROAD 3<sup>RD</sup> PHASE JP  
NAGAR BANGALORE-560078

As part of Operational qualification, the following checks shall be done and each test shall be recorded:

### Instrument Start-up

To check and establish the standard sequence to be followed, during start-up of the subjected instrument in Auto / Manual mode, to propose for correct operation and to avoid any damage to the instrument and personnel.

### Functional Checks

To check and ensure that different functions (such as switching devices, indication / monitoring / recording devices, feedback system, etc.) for correct operation of the subjected instrument are working as expected.

### Interlocks and Alarms Check

To check and ensure that the interlocks and alarms (such as status indication system, negative feed back system, control loops, sound alarms, etc.) for correct control and monitoring of the operation cycle are working as expected.

### Safety / Security Checks

To check and ensure that the safety / security functions (such as program logging, process control, personnel safety systems, password check, etc.) to protect the instrument and personnel are working as expected.

### Instrument Shut-down

To check and establish the standard sequence to be followed, during shut-down of the subjected instrument in Auto / Manual mode, to propose for correct operation and to avoid any damage to the instrument and personnel.





## 1.0 INSTRUMENT START-UP:

Refer the Operator's Manual for the procedures, for the following activities:

Action	Observation	Verified by (Sign & Date)	Remarks
Ensure that all the required electrical connections are properly connected.	yes		
Ensure the proper filling of double distilled / de-ionized water and Cleaning solution in the respective cans.	yes		
Ensure the availability of XL Wash.	yes		
Ensure the availability of Biohazard Waste.	yes		
Ensure the availability of Normal Waste.	yes		
Switch ON the rear switch of the analyzer.	yes		
Switch ON the side switch of the analyzer.	yes		
Switch ON the computer and start the analyzer application software.	yes		
Initialization	yes		



## 2.0 FUNCTIONAL CHECKS:

### 2.1 Maintenance:

Refer the Operator's Manual for the procedures, for the following activities:

Activity	Observation	Verified by (Sign & Date)	Remarks
Photometer functioning	yes		
Cuvette Rinse	yes		

### 2.2 Loading of Reagents:

Refer the Operator's Manual for the procedures, for the following activities:

Action	Observation	Verified by (Sign & Date)	Remarks
Reagent Level Scan, Dead Volume Check & 2 Reagent Chemistry	yes		



## 2.3 Calibration:

Refer the Operator's Manual for the procedures, for the following activities:

Action	Observation	Verified by (Sign & Date)	Remarks
Blank (Distilled Water)	yes	<i>[Signature]</i> 01/2/22	
Standard (Multical)	yes		

## 3.0 INTERLOCKS AND ALARMS CHECK:

Refer the Operator's Manual for the procedures, for the following activities:

Action	Observation	Verified by (Sign & Date)	Remarks
Less volume of Distilled Water	yes	<i>[Signature]</i> 01/2/22	
Less volume of Wash Solution	yes		
More volume of Bio-Hazard waste	yes		
More volume of Normal / General waste	yes		



## 4.0 SAFETY / SECURITY CHECKS:

Refer the Operator's Manual for the procedures, for the following activities:

Action	Observation	Verified by (Sign & Date)	Remarks
Password Check for Test Parameters	NA	<i>[Signature]</i>	
Password Check for QC Mode	NA		

## 5.0 INSTRUMENT SHUT-DOWN:

Refer the Operator's Manual for the procedures, for the following activities:

Action	Observation	Verified by (Sign & Date)	Remarks
Sample Probe Wash	yes	<i>[Signature]</i>	
Water Save	yes		
Switch OFF the computer.	yes		
Switch OFF the side switch of the analyzer.	yes		
Switch OFF the rear switch of the analyzer.	yes		





Customer Name: H CLOUD HEALTH CARE CENTER  
 #161B 6<sup>TH</sup> MAIN 3<sup>RD</sup> CROSS ROAD 3<sup>RD</sup> PHASE JP  
 NAGAR BANGALORE-560078

Model: EM-200

Serial  
 Number:

**ANNEXURE-A**

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**I. APPROVAL:**

Prepared By:

Name	Designation	Signature	Date
RUPESH.N	APPLICATION MANAGER		12/2/21

Checked By:

Name	Designation	Signature	Date
MS.ANITHA	LAB TECHNICIAN		

Approved By:

Name	Designation	Signature	Date
DR.VENUS KUMAR	LAB HEAD		

Customer Name: H CLOUD HEALTH CARE CENTER  
#161B 6<sup>TH</sup> MAIN 3<sup>RD</sup>  
CROSS ROAD 3<sup>RD</sup> PHASE JP NAGAR  
BANGALORE-560078

Model: EM-200

Serial Number:



**2. OBJECTIVE:**

The objective of this protocol is to establish documented evidence for the Performance Qualification of Fully Automated Biochemistry Analyzer and to Ensure that the results obtained are within the pre-determined Acceptance Criteria.

**3. PRE-REQUISITES:**

Following Pre-requisites are required before the execution of Performance Qualification.

- Completion of Installation Qualification (IQ) prior to PQ.
- Completion of Operational Qualification (OQ) prior to PQ.

**4. TEST PLAN:**

Following any of 3 available test parameters precision shall be performed (N=10 for each parameter each level) on Mono-Level &/or Bi-Level controls and check the CV% during the Performance Qualification of Fully Automated Biochemistry Analyzer.

Sr.No	Test Parameter
1.	ALBUMIN
2.	CHOLESTEROL
3.	GAMMA GT
4.	GLUCOSE
5.	SGPT
6.	PROTEIN
7.	UREA

**5. ACCEPTANCE CRITERIA:**

Acceptance criteria are based on the precision studies conducted as per *CLSI Guideline EP-05-A3*.

**6. SUMMARY:**

Test Name	ALBUMIN		SGPT		GLUCOSE	
	ERBA NORM	ERBA PATH	ERBA NORM	ERBA PATH	ERBA NORM	ERBA PATH
Level	3.54	5.14	39.7	80.2	91.9	273.4
Mean	0.02	0.03	0.94	1.27	0.87	1.14
SD	0.59	0.65	2.36	1.58	0.94	0.42
CV%						
Acceptable Criteria (Max.value)						
Status	PASS	PASS	PASS	PASS	PASS	PASS

Traceability: Instrument Raw Data from Test Statistics Menu.  
Note: This report is effective from the date of approval.



Customer Name: H CLOUD HEALTH CARE  
CENTER #161B 6<sup>TH</sup> MAIN 3<sup>RD</sup>  
CROSS ROAD 3<sup>RD</sup> PHASE JP NAGAR  
BANGALORE-560078

Model: EM-200

Serial Number:

V200050

#### Annexure-B

Instrument Raw Data from Test Statistics Menu to be attached as printout attachments in Annexure-B.

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test      GLU      Month And Year      Jan-2024

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	05-Jan-2024 7:23:45	Blank	0.000	0.0525	0.0000	BLANK	1234	B112267-248	
2	05-Jan-2024 7:24:40	Calib.	196.000	0.6668	319.0104	MULTICALIBRA TOR	2301066	B112267-248	
3	14-Jan-2024 8:59:27	Blank	0.000	0.0538	0.0000	BLANK	1234	B112267-248	
4	14-Jan-2024 9:00:21	Calib	196.000	0.7454	283.4213	MULTICALIBRA TOR	2301066	B112267-248	



# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test      GLU      Month And Year      Nov-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	15-Nov-2023 9:01:57	Blank	0.000	0.0906	0.0000	BLANK	1234	B112267-248	
2	15-Nov-2023 9:02:51	Calib	196.000	0.7235	309.6856	MULTICALIBRA TOR	2301066	B112267-248	
3	25-Nov-2023 8:35:05	Blank	0.000	0.0433	0.0000	BLANK	1234	B112267-248	
4	25-Nov-2023 8:36:00	Calib	196.000	0.5667	373.1201	MULTICALIBRA TOR	2301066	B112267-248	
5	25-Nov-2023 9:34:59	Blank	0.000	0.0420	0.0000	BLANK	1234	B112267-248	
6	25-Nov-2023 9:35:53	Calib	196.000	0.7016	297.1273	MULTICALIBRA TOR	2301066	B112267-248	

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test	GLU	Month And Year	Oct-2023						
No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	14-Oct-2023 9:22:02	Blank	0.000	0.0492	0.0000	BLANK	1234	B112267-248	
2	14-Oct-2023 9:22:55	Calib	196.000	0.7138	294.9364	MULTICALIBRA FOR	2301066	B112267-248	

## H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test HA1cD Month And Year Jul-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	11-Jul-2023 9:48:22	Blank	0.000	0.0008	0.0000	BLANK	1234	S052357-320	S052357-320
2	11-Jul-2023 9:49:16	Calib	5.000	0.0906	55.6793	HBA1C 2	012375	S052357-320	S052357-320
3	11-Jul-2023 9:50:10	Calib	8.600	0.3508	24.5644	HBA1C 3	012375	S052357-320	S052357-320
4	11-Jul-2023 9:51:05	Calib	12.000	0.6574	18.2760	HBA1C 4	012375	S052357-320	S052357-320
5	11-Jul-2023 9:51:59	Calib	16.100	0.8658	18.6106	HBA1C 5	012375	S052357-320	S052357-320

# HCLOUD LABS



JP NAGAR BANGALORE

## Calibration Trace

Test      GLU      Month And Year      Jul-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	18-Jul-2023 9:38:55	Blank	0.000	0.0584	0.0000	BLANK	1234	B112267-248	
2	18-Jul-2023 9:39:49	Calib	200.000	0.7314	297.1989	MULTICALIBRA TOR	2206133	B112267-248	



# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test    GLU    Month And Year    Aug-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	17-Aug-2023 10:21:11	Blank	0.000	0.0505	0.0000	BLANK	1234	D112267-248	
2	17-Aug-2023 10:22:05	Calib	198.000	0.7240	291.0387	MULTICALIBRA TOR	2301065	B112267-248	

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test	GLU	Month And Year	Sep-2023						
No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	29-Sep-2023 9:46:22	Blank	0.000	0.0551	0.0000	BLANK	1234	B112267-248	
2	29-Sep-2023 9:47:16	Calib	196.000	0.7178	295.7821	MULTICALIBRA TOR	2301066	B112267-248	

# H CLOUD LABS

JP NAGAR BANGAL ORE

## Calibration Trace

Test HA1cD Month And Year Jan-2024

No.	Calibration Date	Type	Conc.	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	05-Jan-2024 12:59:48	Blank	0.000	-0.0025	0.0000	BLANK	1234	S102318-342	S102318-342
2	05-Jan-2024 13:00:42	Calib	4.900	0.0951	50.2307	HBA1C 2	S102318	S102318-342	S102318-342
3	05-Jan-2024 13:01:36	Calib	8.500	0.3702	22.8096	HBA1C 3	S102318	S102318-342	S102318-342
4	05-Jan-2024 13:02:30	Calib	11.900	0.6097	19.4397	HBA1C 4	S102318	S102318-342	S102318-342
5	05-Jan-2024 13:03:24	Calib	16.100	0.8067	19.8974	HBA1C 5	S102318	S102318-342	S102318-342

## H CLOUD LABS

JP NAGAR BANGALORE

### Calibration Trace

Test HA1cD Month And Year Jan-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	30-Jan-2023 9:18:48	Blank	0.000	0.0006	0.0000	BLANK	1234	S102204-240	S102204-240
2	30-Jan-2023 9:19:42	Calib	4.900	0.0875	56.3547	HBA1C 2	s102204	S102204-240	S102204-240
3	30-Jan-2023 9:20:36	Calib	8.700	0.3521	24.7511	HBA1C 3	s102204	S102204-240	S102204-240
4	30-Jan-2023 9:21:30	Calib	11.900	0.6071	19.5208	HBA1C 4	s102204	S102204-240	S102204-240
5	30-Jan-2023 9:22:24	Calib	15.900	0.7721	20.6105	HBA1C 5	s102204	S102204-240	S102204-240



# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test HA1cD Month And Year Oct-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	11-Oct-2023 11:33:31	Blank	0.000	-0.0015	0.0000	BLANK	1234	S042363-315	S042363-315
2	11-Oct-2023 11:34:26	Calib	4.900	0.1031	45.8672	HBA1C 2	s042363	S042363-315	S042363-315
3	11-Oct-2023 11:35:19	Calib	8.400	0.4047	20.6769	HBA1C 3	s042363	S042363-315	S042363-315
4	11-Oct-2023 11:36:14	Calib	11.800	0.8788	17.3455	HBA1C 4	s042363	S042363-315	S042363-315
5	11-Oct-2023 11:37:08	Calib	15.900	0.9348	16.9617	HBA1C 5	s042363	S042363-315	S042363-315

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test HA1cD Month And Year Aug-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	31-Aug-2023 9:56:39	Blank	0.000	0.0012	0.0000	BLANK	1234	S042363-315	S042363-315
2	31-Aug-2023 9:57:33	Calib	4.800	0.1139	41.6848	HBA1C 2	s042363	S042363-315	S042363-315
3	31-Aug-2023 9:58:27	Calib	0.400	0.4302	19.4715	HBA1C 3	s042363	S042363-315	S042363-315
4	31-Aug-2023 9:59:21	Calib	11.800	0.7228	16.2995	HBA1C 4	s042363	S042363-315	S042363-315
5	31-Aug-2023 10:00:15	Calib	15.900	0.9487	16.7395	HBA1C 5	s042363	S042363-315	S042363-315

## H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test	UREA	Month And Year	Oct-2023							
No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #	
1	07-Oct-2023 12:12:10	Blank	0.000	-0.0094	0.0000	BLANK	1234	5012394-306	5012394-306	
2	07-Oct-2023 12:13:04	Calib	100.000	-0.1513	-704.7217	MULTICALIBRA TOR	2301066	5012394-306	5012394-306	
3	14-Oct-2023 9:16:36	Blank	0.000	-0.0126	0.0000	BLANK	1234	5012394-306	5012394-306	
4	14-Oct-2023 9:17:31	Calib	100.000	-0.1625	-667.1114	MULTICALIBRA TOR	2301066	5012394-306	5012394-306	
5	22-Oct-2023 9:58:59	Blank	0.000	-0.0166	0.0000	BLANK	1234	5012394-306	5012394-306	
6	22-Oct-2023 9:59:53	Calib	100.000	-0.1797	-613.1206	MULTICALIBRA TOR	2301066	5012394-306	5012394-306	

## H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test	UREA	Month And Year	Nov-2023						
No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	03-Nov-2023 10:20:57	Blank	0.000	-0.0040	0.0000	BLANK	1234	S012394-306	S012394-306
2	03-Nov-2023 10:21:51	Calib	100.000	-0.1286	-603.5356	MULTICALIBRA TOR	2301056	S012394-306	S012394-306
3	15-Nov-2023 9:00:09	Blank	0.000	-0.0108	0.0000	BLANK	1234	S012394-306	S012394-306
4	15-Nov-2023 9:01:03	Calib	100.000	-0.1363	-784.0082	MULTICALIBRA TOR	2301056	S012394-306	S012394-306
5	24-Nov-2023 8:55:05	Blank	0.000	-0.0153	0.0000	BLANK	1234	S012394-306	S012394-306
6	24-Nov-2023 8:56:00	Calib	100.000	-0.1544	-718.3800	MULTICALIBRA TOR	2301056	S012394-306	S012394-306
7	30-Nov-2023 8:44:43	Blank	0.000	-0.0171	0.0000	BLANK	1234	S012394-306	S012394-306
8	30-Nov-2023 8:45:38	Calib	100.000	-0.1684	-660.7202	MULTICALIBRA TOR	2301056	S012394-306	S012394-306

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test UREA Month And Year Dec-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	18-Dec-2023 10:52:19	Blank	0.000	-0.0048	0.0000	BLANK	1234	S012394-306	S012394-306
2	18-Dec-2023 10:53:13	Calib	100.000	-0.1286	-0.417509	MULTICALIBRATOR	2301066	S012394-306	S012394-306



# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test	UREA	Month And Year	Jan-2024							
No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #	
1	04-Jan-2024 9:46:37	Blank	0.000	-0.0070	0.0000	BLANK	1234	5012394-306	5012394-306	
2	04-Jan-2024 9:47:31	Calib	100.000	-0.1340	-787.4016	MULTICALIBRA TOR	2301068	5012394-306	5012394-306	
3	05-Jan-2024 7:21:57	Blank	0.000	-0.0083	0.0000	BLANK	1234	5012394-306	5012394-306	
4	05-Jan-2024 7:22:51	Calib	100.000	-0.1350	-788.9547	MULTICALIBRA TOR	2301068	5012394-306	5012394-306	

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test CRENZ Month And Year Jul-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	05-Jul-2023 8:25:41	Blank	0.000	0.0077	0.0000	BLANK	1234	S112261-246	S112261-246
2	05-Jul-2023 8:26:36	Calib	3.840	0.0877	47.9700	MULTICALIBRA TOR	2206133	S112261-246	S112261-246
3	18-Jul-2023 9:35:19	Blank	0.000	0.0078	0.0000	BLANK	1234	S112261-246	S112261-246
4	18-Jul-2023 9:36:13	Calib	3.840	0.0887	47.4660	MULTICALIBRA TOR	2206133	S112261-246	S112261-246

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test UREA Month And Year Jul-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	18-Jul-2023 9:33:30	Blank	0.000	-0.0062	0.0000	BLANK	1234	5012394-306	5012394-306
2	18-Jul-2023 9:34:25	Calib	100.000	-0.1196	-876.2736	MULTICALIBRA TOR	2206133	5012394-306	5012394-306

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test UREA Month And Year Aug-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	01-Aug-2023 8:59:23	Blank	0.000	-0.0056	0.0000	BLANK	1234	S012394-306	S012394-306
2	01-Aug-2023 9:00:17	Calib	100.000	0.1362	766.9901	MULTICALIBRA TOR	2206133	S012394-306	S012394-306
3	10-Aug-2023 12:46:36	Blank	0.000	-0.0077	0.0000	BLANK	1234	S012394-306	S012394-306
4	10-Aug-2023 12:47:30	Calib	100.000	-0.1517	-694.6957	MULTICALIBRA TOR	2206133	S012394-306	S012394-306
5	17-Aug-2023 10:15:46	Blank	0.000	-0.0112	0.0000	BLANK	1234	S012394-306	S012394-306
6	17-Aug-2023 10:16:40	Calib	100.000	-0.1696	-631.3131	MULTICALIBRA TOR	2301066	S012394-306	S012394-306
7	31-Aug-2023 9:04:24	Blank	0.000	-0.0087	0.0000	BLANK	1234	S012394-306	S012394-306
8	31-Aug-2023 9:05:18	Calib	100.000	-0.1190	-905.2075	MULTICALIBRA TOR	2301066	S012394-306	S012394-306

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test	UREA	Month And Year	Sep-2023							
No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #	
1	21-Sep-2023 10:10:21	Blank	0.000	-0.0063	0.0000	BLANK	1234	5012394-306	5012394-306	
2	21-Sep-2023 10:11:15	Calib	100.000	-0.1345	-779.4233	MULTICALIBRA TOR	2301000	5012394-306	5012394-306	



# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test CRENZ Month And Year Nov-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	03-Nov-2023 10:22:48	Blank	0.000	0.0079	0.0000	BLANK	1234	T012315-307	T012315-307
2	03-Nov-2023 10:23:40	Calib	3.790	0.0869	48.0051	MULTICALIBRA TOR	2301066	T012315-307	T012315-307
3	24-Nov-2023 8:56:54	Blank	0.000	0.0102	0.0000	BLANK	1234	T012315-307	T012315-307
4	24-Nov-2023 8:57:48	Calib	3.790	0.0866	48.3418	MULTICALIBRA TOR	2301066	T012315-307	T012315-307

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test CRENZ Month And Year Oct-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	06-Oct-2023 9:15:18	Blank	0.000	0.0093	0.0000	BLANK	1234	T012315-307	T012315-307
2	06-Oct-2023 9:16:12	Calib	3.790	0.0921	45.8006	MULTICALIBRA TOR	2301066	T012315-307	T012315-307
3	14-Oct-2023 9:18:25	Blank	0.000	0.0077	0.0000	BLANK	1234	T012315-307	T012315-307
4	14-Oct-2023 9:19:19	Calib	3.790	0.0882	47.0515	MULTICALIBRA TOR	2301066	T012315-307	T012315-307

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test CRENZ Month And Year Sep-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	29-Sep-2023 9:44:33	Blank	0.000	0.0130	0.0000	BLANK	1234	T012315-307	T012315-307
2	29-Sep-2023 9:45:27	Calib	3.790	0.0943	46.6462	MULTICALIBRA TOR	2301066	T012315-307	T012315-307

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test CRENZ Month And Year Aug-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	01-Aug-2023 9:01:11	Blank	0.000	0.0091	0.0000	BLANK	1234	T012315-307	T012315-307
2	01-Aug-2023 9:02:05	Calib	3.840	0.0878	48.7929	MULTICALIBRA TOR	2206133	T012315-307	T012315-307
3	10-Aug-2023 12:48:24	Blank	0.000	0.0090	0.0000	BLANK	1234	T012315-307	T012315-307
4	10-Aug-2023 12:49:18	Calib	3.840	0.0897	47.5836	MULTICALIBRA TOR	2206133	T012315-307	T012315-307
5	17-Aug-2023 10:17:34	Blank	0.000	0.0095	0.0000	BLANK	1234	T012315-307	T012315-307
6	17-Aug-2023 10:18:28	Calib	3.790	0.0905	46.7613	MULTICALIBRA TOR	2301065	T012315-307	T012315-307

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test UA Month And Year Oct-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	14-Oct-2023 9:27:26	Blank	0.000	0.0124	0.0000	BLANK	1234	S012338-302	S012338-302
2	14-Oct-2023 9:28:21	Calib	5.890	0.0545	74.7055	MULTICALIBRA TOR	2301066	S012338-302	S012338-302



# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test UA Month And Year Nov 2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	03-Nov-2023 10:24:34	Blank	0.000	0.0137	0.0000	BLANK	1234	5012338-302	5012338-302
2	03-Nov-2023 10:25:28	Calib	5.390	0.0767	85.6916	MULTICALIBRA TOR	2301066	5012338-302	5012338-302

## JP NAGAR BANGAL ORE

## Calibration Trace

Test	UA	Month And Year	Jan-2024							
No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #	
1	05-Jan-2024 8:12:00	Blank	0.000	0.0266	0.0000	BLANK	1234	5012338-302	5012338-302	
2	05-Jan-2024 8:12:54	Calib	5.390	0.1255	54.5271	MULTICALIBRA TOR	2301066	5012338-302	5012338-302	
3	05-Jan-2024 8:36:28	Blank	0.000	0.0248	0.0000	BLANK	1234	5012338-302	5012338-302	
4	05-Jan-2024 8:37:22	Calib	5.390	0.0777	101.9867	MULTICALIBRA TOR	2301066	5012338-302	5012338-302	

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test CRENZ Month And Year Dec-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 lot #	R2 Lot #
1	04-Dec-2023 8:57:47	Blank	0.000	0.0082	0.0000	BLANK	1234	T012315-307	T012315-307
2	04-Dec-2023 8:58:41	Calib	3.790	0.0878	47.5832	MULTICALIBRA TOR	2301066	T012315-307	T012315-307

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test	CHOL	Month And Year	Jul-2023						
No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	10-Jul-2023 9:10:58	Blank	0.000	0.1450	0.0000	BLANK	1234	S032269-213	
2	10-Jul-2023 9:11:52	Calib	155.000	0.3856	646.7766	MULTICALIBRA TOR	2206133	S032269-213	
3	18-Jul-2023 9:42:32	Blank	0.000	0.0477	0.0000	BLANK	1234	S032269-213	
4	18-Jul-2023 9:43:26	Calib	155.000	0.3100	691.0391	MULTICALIBRA TOR	2206133	S032269-213	

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test UA Month And Year Jul 2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	18-Jul-2023 9:44:20	Blank	0.000	0.0112	0.0000	BLANK	1234	5012338-302	5012338-302
2	18-Jul-2023 9:45:14	Calib	5.430	0.0787	80.3849	MULTICALIBRA TOR	2208133	5012338-302	5012338-302



# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test UA Month And Year Aug-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	17-Aug-2023 10:28:42	Blank	0.000	0.0074	0.0000	BLANK	1234	5012338-302	5012338-302
2	17-Aug-2023 10:29:36	Calib	5.390	0.0796	74.4990	MULTICALIBRA TCR	2301068	5012338-302	5012338-302

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test	UA	Month And Year	Sep-2023							
No.	Calibration Date		Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	29-Sep-2023	9:49:58	Blank	0.000	0.0112	0.0000	BLANK	1234	S012338-002	5012338-302
2	29-Sep-2023	9:50:53	Calib	5.300	0.0798	78.6287	MULTICALIBRA TOR	2301096	S012338-302	5012338-302

# HCLOUD LABS

JIP NAGAR BANGALORE

## Calibration Trace

Test	CHOL	Month And Year	Nov-2023						
No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	15-Nov-2023 9:05:34	Blank	0.000	0.0648	0.0000	BLANK	1294	5022349-308	
2	15-Nov-2023 9:06:28	Calib	170.000	0.3404	616.9479	MULTICALIBRA TOR	2301066	5022349-308	

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test CHOL Month And Year Oct-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	14-Oct-2023 9:26:38	Blank	0.000	0.0677	0.0000	BLANK	1234	S022349-308	
2	14-Oct-2023 9:26:32	Calib	170.000	0.3576	585.6102	MULTICALIBRA TOR	2301000	S022349-308	

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test: CHOL      Month And Year: Sep-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	21-Sep-2023 9:19:52	Blank	0.000	0.0619	0.0000	BLANK	1234	5022349-308	
2	21-Sep-2023 9:29:48	Calib	170.000	0.3524	585.2986	MULTICALIBRA TOR	2301055	5022349-308	



# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test CHOL Month And Year Aug-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	11-Aug-2023 8:30:41	Blank	0.000	0.0908	0.0000	BLANK	1234	S032269-213	
2	11-Aug-2023 8:31:30	Calib	166.000	0.3449	609.9951	MULTICALIBRA TOR	2206133	S032269-213	
3	17-Aug-2023 10:24:48	Blank	0.000	0.1050	0.0000	BLANK	1234	S032269-213	
4	17-Aug-2023 10:25:42	Calib	170.000	0.3824	612.6127	MULTICALIBRA TOR	2301065	S032269-213	

# H CLOUD LABS

JP NAGAR BANGAL ORE

## Calibration Trace

Test	TRIG	Month And Year	Sep-2023							
No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #	
1	06-Sep-2023 8:37:06	Blank	0.000	0.0412	0.0000	BLANK	1234	S042370-316	S042370-316	
2	06-Sep-2023 8:38:00	Calib	147.000	0.2802	615.0627	MULTICALIBRA TOR	2301066	S042370-316	S042370-316	

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test	TRIG	Month And Year	Oct-2023						
No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	14-Oct-2023 9:23:50	Blank	0.000	0.0220	0.0000	BLANK	1234	S042370-316	S042370-316
2	14-Oct-2023 9:24:44	Calib	147.000	0.2731	585.3076	MULTICAL/BRA TOR	2301066	S042370-316	S042370-316

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test TRIG Month And Year Nov-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	15-Nov-2023 9:03:45	Blank	0.000	0.0371	0.0000	BLANK	1234	S042370-316	S042370-316
2	15-Nov-2023 9:04:39	Calib	147.000	0.2746	618.8171	MULTICALIBRA TOR	2301066	S042370-316	S042370-316

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #
1	04-Dec-2023 8:59:36	Blank	0.000	0.0632	0.0000	BLANK	1234
2	04-Dec-2023 9:00:29	Calib	170.000	0.3403	613.3862	MULTICALIBRA TOR	2301066



# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test HDLC Month And Year Sep-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	29-Sep-2023 9:48:10	Blank	0.000	0.0048	0.0000	BLANK	1234	S042391-319	S042391-319
2	29-Sep-2023 9:49:04	Calib	72.600	0.1256	600.9933	HDL LDL CAL	s122268	S042391-319	S042391-319

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test	HDLC	Month And Year	Aug-2023							
No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #	
1	08-Aug-2023 10:02:13	Blank	0.000	0.0067	0.0000	BLANK	1234	S122268-250	S122268-250	
2	08-Aug-2023 10:03:07	Calib	72.600	0.0865	910.3448	HDL LDL CAL	s122268	S122268-250	S122268-250	
3	17-Aug-2023 10:26:54	Blank	0.000	0.0061	0.0000	BLANK	1234	S122268-250	S122268-250	
4	17-Aug-2023 10:27:48	Calib	72.600	0.1015	760.6077	HDL LDL CAL	s122268	S122268-250	S122268-250	

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test TRIG Month And Year Jul-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	18-Jul-2023 9:40:43	Blank	0.000	0.0453	0.0000	BLANK	1234	S042370-316	S042370-316
2	18-Jul-2023 9:41:38	Calib	140.000	0.2833	588.2353	MULTICALIBRA TOR	2206133	S042370-316	S042370-316

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test TRIG Month And Year Aug-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	17-Aug-2023 10:22:59	Blank	0.000	0.0434	0.0000	BLANK	1234	S042370-316	S042370-316
2	17-Aug-2023 10:23:53	Calib	147.000	0.2825	616.0627	MULTICALIBRA TOR	2301066	S042370-316	S042370-316

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test	LDL	Month And Year	Oct-2023						
No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	09-Oct-2023 9:42:29	Blank	0.000	0.0010	0.0000	BLANK	1234	S072329-328	S072329-328
2	09-Oct-2023 9:43:23	Calib	110.300	0.0915	1219.4583	HDL LDL CAE	122268	S072329-328	S072329-328



# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test HDLC Month And Year Dec-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	18-Dec-2023 11:49:44	Blank	0.000	0.0076	0.0000	BLANK	1234	S042391-319	S042391-319
2	18-Dec-2023 11:50:38	Calib	72.600	0.1040	752.3316	HDL LDL CAL	s122268	S042391-319	S042391-319

## H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test HOLC Month And Year Nov-2023

No.	Calibration Date	Type	Conc.	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	22-Nov-2023 9:51:59	Blank	0.000	0.0067	0.0000	BLANK	1234	5042391-319	5042391-319
2	22-Nov-2023 9:52:53	Calib	72.600	0.1055	727.4549	HDL LDL CAL	s122268	5042391-319	5042391-319
3	24-Nov-2023 8:58:42	Blank	0.000	0.0041	0.0000	BLANK	1234	5042391-319	5042391-319
4	24-Nov-2023 8:59:36	Calib	72.600	0.0935	812.0806	HDL LDL CAL	s122268	5042391-319	5042391-319

## H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test	HDL C	Month And Year	Oct-2023							
No.	Calibration Date		Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	09-Oct-2023	9:40:40	Blank	0.000	0.0051	0.0000	BLANK	1234	S042391-319	S042391-319
2	09-Oct-2023	9:41:35	Calib	72.600	0.0975	795.1807	HDL LDL CAL	s122268	S042391-319	S042391-319
3	11-Oct-2023	10:02:16	Blank	0.000	0.0055	0.0000	BLANK	1234	S042391-319	S042391-319
4	11-Oct-2023	10:03:09	Calib	72.600	0.0982	800.8821	HDL LDL CAL	s122268	S042391-319	S042391-319

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test: SGPTD      Month And Year: Sep-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	29-Sep-2023 9:39:08	Blank	0.000	-0.0003	0.0000	BLANK	1234	S022370-310	S022370-310
2	29-Sep-2023 9:40:02	Calib	89.600	-0.0333	-2715.1514	MULTICALIBRA TOR	2301066	S022370-310	S022370-310

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test SOPTD Month And Year Aug-2023

No.	Calibration Date	Type	Conc.	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	17-Aug-2023 10:01:20	Blank	0.000	0.0007	0.0000	BLANK	1234	5022370-310	5022370-310
2	17-Aug-2023 10:02:13	Calib	89.800	0.0051	-2604.6511	MULTICALIBRA-TOR	2301966	5022370-310	5022370-310

Activate Windows  
Go to Settings to activate Windows.



# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test SGPTD Month And Year Jul-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	18-Jul-2023 9:22:41	Blank	0.000	-0.0011	0.0000	BLANK	1234	S022370-310	S022370-310
2	18-Jul-2023 9:23:35	Calib	88.800	0.0338	-2711.4504	MULTICALIBRATOR	2206133	S022370-310	S022370-310

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test	LDL	Month And Year	Jul-2023						
No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	25-Jul-2023 10:21:06	Blank	0.000	0.0032	0.0000	BLANK	1294	S052361-320	S052361-320
2	25-Jul-2023 10:22:00	Calib	110.300	0.0983	1159.8319	HDL LDL CAL	s122268	S052361-320	S052361-320

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test SGOTD Month And Year Nov-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	15-Nov-2023 8:49:19	Blank	0.000	-0.0008	0.0000	BLANK	1234	S022371-309	S022371-309
2	15-Nov-2023 8:50:13	Calib	100.000	-0.0345	-2938.8577	MULTICALIBRA TOR	2301006	S022371-309	S022371-309

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test SGPTD Month And Year Jan-2024

No.	Calibration Date	Type	Conc	ARS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	05-Jan-2024 7:16:32	Blank	0.000	-0.0010	0.0000	BLANK	1234	S022370-310	S022370-310
2	05-Jan-2024 7:17:26	Calib	89.600	-0.0312	-2951.9834	MULTICALIBRA TOR	2301066	S022370-310	S022370-310

Active 2024-01-05  
06:45:10

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test SGPTD Month And Year Nov-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	15-Nov-2023 8:47:30	Blank	0.000	-0.0014	0.0000	BLANK	1234	S022370-310	S022370-310
2	15-Nov-2023 8:48:25	Calib	89.600	-0.0320	-2937.7048	MULTICALIBRA TOR	2301066	S022370-310	S022370-310
3	25-Nov-2023 8:32:59	Blank	0.000	-0.0002	0.0000	BLANK	1234	S022370-310	S022370-310
4	25-Nov-2023 8:33:53	Calib	89.600	-0.0210	-4297.3623	MULTICALIBRA TOR	2301066	S022370-310	S022370-310
5	25-Nov-2023 9:32:53	Blank	0.000	-0.0005	0.0000	BLANK	1234	S022370-310	S022370-310
6	25-Nov-2023 9:33:47	Calib	89.600	-0.0320	-2844.4446	MULTICALIBRA TOR	2301066	S022370-310	S022370-310



# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test SGPTD Month And Year Oct-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	14-Oct-2023 9:07:35	Blank	0.000	-0.0003	0.0000	BLANK	1234	S022370-310	S022370-310
2	14-Oct-2023 9:08:29	Calib	89.500	-0.0334	-2711.0437	MULTICALIBRA TOR	2301066	S022370-310	S022370-310

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test SGOTD Month And Year Jul-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	05-Jul-2023 8:18:28	Blank	0.000	-0.0012	0.0000	BLANK	1234	S022371-309	S022371-309
2	05-Jul-2023 8:19:22	Calib	100.000	-0.0366	-2824.8589	MULTICALIBRA TOR	2206133	S022371-309	S022371-309
3	18-Jul-2023 9:24:29	Blank	0.000	-0.0018	0.0000	BLANK	1234	S022371-309	S022371-309
4	18-Jul-2023 9:25:23	Calib	100.000	-0.0381	-2747.2529	MULTICALIBRA TOR	2206133	S022371-309	S022371-309

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test SGOTD Month And Year Aug-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1.	17-Aug-2023 10:03:08	Blank	0.000	-0.0018	0.0003	BLANK	1234	S022371-309	S022371-309
2.	17-Aug-2023 10:04:02	Calib	100.000	-0.0393	-2686.6667	MULTICALIBRATOR	2301066	S022371-309	S022371-309

Activate Windows  
Go to Settings to activate Windows.

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test SGOTD Month And Year Sep-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	06-Sep-2023 8:31:42	Blank	0.000	-0.0005	0.0000	BLANK	1234	S022371-309	S022371-309
2	06-Sep-2023 8:32:36	Calib	100.000	-0.0368	-2758.6206	MULTICALIBRA TOR	2301066	S022371-309	S022371-309

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test SGOTD Month And Year Oct-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	14-Oct-2023 9:09:23	Blank	0.000	-0.0012	0.0000	BLANK	1234	S022371-309	S022371-309
2	14-Oct-2023 9:10:17	Calib	100.000	-0.0380	-2717.3914	MULTICALIBRA TOR	2301066	S022371-309	S022371-309

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# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test BIDD Month And Year Oct-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	06-Oct-2023 9:13:30	Blank	0.000	0.0019	0.0000	BLANK	1234	5012335-302	5012335-302
2	06-Oct-2023 9:14:24	Calib	2.330	0.0961	24.2204	MULTICALIBRA TOR	2301066	5012335-302	5012335-302
3	14-Oct-2023 9:13:00	Blank	0.000	0.0013	0.0000	BLANK	1234	5012335-302	5012335-302
4	14-Oct-2023 9:13:54	Calib	2.330	0.0967	24.4235	MULTICALIBRA TOR	2301066	5012335-302	5012335-302

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test BIDD Month And Year Sep-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	06-Sep-2023 8:33:30	Blank	0.000	0.0026	0.0000	BLANK	1234	S012335-302	S012335-302
2	06-Sep-2023 8:34:24	Calib	2.330	0.1047	22.8208	MULTICALIBRA TOR	2301066	S012335-302	S012335-302
3	21-Sep-2023 9:16:15	Blank	0.000	0.0004	0.0000	BLANK	1234	S012335-302	S012335-302
4	21-Sep-2023 9:17:09	Calib	2.330	0.1028	22.7650	MULTICALIBRA TOR	2301066	S012335-302	S012335-302

## H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test BIDO Month And Year Aug-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	01-Aug-2023 8:57:35	Blank	0.000	0.0035	0.0000	BLANK	1234	S112245-245	5112245-245
2	01-Aug-2023 8:58:29	Calib	2.170	0.0909	24.9044	MULTICALIBRA TOR	2208133	S112245-245	5112245-245
3	11-Aug-2023 8:28:35	Blank	0.000	-0.0009	0.0000	BLANK	1234	5012335-302	5012335-302
4	11-Aug-2023 8:29:29	Calib	2.170	0.0781	27.4884	MULTICALIBRA TOR	2208133	5012335-302	5012335-302
5	17-Aug-2023 10:12:09	Blank	0.000	0.0004	0.0000	BLANK	1234	5012335-302	5012335-302
6	17-Aug-2023 10:13:04	Calib	2.330	0.1052	22.0031	MULTICALIBRA TOR	2301066	5012335-302	5012335-302
7	31-Aug-2023 9:02:36	Blank	0.000	-0.0010	0.0000	BLANK	1234	5012335-302	5012335-302
8	31-Aug-2023 9:03:30	Calib	2.330	0.1022	22.5994	MULTICALIBRA TOR	2301066	5012335-302	5012335-302

Signature \_\_\_\_\_  
 Date \_\_\_\_\_

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test BIDD Month And Year Jul-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	05-Jul-2023 8:22:05	Blank	0.000	0.0060	0.0000	BLANK	1234	S112246-245	S112246-245
2	05-Jul-2023 8:22:59	Calib	2.170	0.0894	26.0192	MULTICALIBRA TOR	2206133	S112246-245	S112246-245
3	10-Jul-2023 9:09:10	Blank	0.000	0.0014	0.0000	BLANK	1234	S112246-245	S112246-245
4	10-Jul-2023 9:10:04	Calib	2.170	0.0821	26.8897	MULTICALIBRA TOR	2206133	S112246-245	S112246-245
5	18-Jul-2023 9:29:54	Blank	0.000	0.0026	0.0000	BLANK	1234	S112246-245	S112246-245
6	18-Jul-2023 9:30:48	Calib	2.170	0.0864	25.8950	MULTICALIBRA TOR	2206133	S112246-245	S112246-245
7	25-Jul-2023 10:19:18	Blank	0.000	0.0019	0.0000	BLANK	1234	S112246-245	S112246-245
8	25-Jul-2023 10:20:12	Calib	2.170	0.0929	23.8462	MULTICALIBRA TOR	2206133	S112246-245	S112246-245

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test BIT Month And Year Nov-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	24-Nov-2023 8:53:17	Blank	0.000	0.0007	0.0000	BLANK	1234	S022315-306	S022315-306
2	24-Nov-2023 8:54:11	Calib	4.600	0.1775	26.0107	MULTICALIBRA TOR	2301066	S022315-306	S022315-306



# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test BIT Month And Year Jan-2024

No.	Calibration Date	Type	Conc.	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	05-Jan-2024 7:20:09	Blank	0.000	0.0011	0.0000	BLANK	1234	5022315-306	5022315-306
2	05-Jan-2024 7:21:03	Calib	4.600	0.1836	28.3077	MULTICALIBRA TOR	2301066	5022315-306	5022315-306

Activate Windows  
Go to Settings to activate Windows.

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test BIDD Month And Year Jan-2024

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	05-Jan-2024 7:18:20	Blank	0.000	0.0014	0.0000	BLANK	1234	S012335-302	S012335-802
2	05-Jan-2024 7:19:15	Calib	2.330	0.0934	25.3261	MULTICALIBRATOR	2301066	S012335-302	S012335-302

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test BIDD Month And Year Nov 2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	03-Nov-2023 9:47:34	Blank	0.000	0.0016	0.0000	BLANK	1234	5012335-302	5012335-302
2	03-Nov-2023 9:48:28	Calib	2.330	0.1097	21.5342	MULTICALIBRA TOR	2301066	5012335-302	5012335-302
3	15-Nov-2023 8:58:20	Blank	0.000	0.0003	0.0000	BLANK	1234	5012335-302	5012335-302
4	15-Nov-2023 8:59:15	Calib	2.330	0.0985	23.7513	MULTICALIBRA TOR	2301066	5012335-302	5012335-302
5	24-Nov-2023 8:51:29	Blank	0.000	0.0001	0.0000	BLANK	1234	5012335-302	5012335-302
6	24-Nov-2023 8:52:23	Calib	2.330	0.0975	23.9343	MULTICALIBRA TOR	2301066	5012335-302	5012335-302
7	30-Nov-2023 8:42:55	Blank	0.000	0.0019	0.0000	BLANK	1234	5012335-302	5012335-302
8	30-Nov-2023 8:43:49	Calib	2.330	0.0971	24.4676	MULTICALIBRA TOR	2301066	5012335-302	5012335-302

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test BIT Month And Year Jul-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	05-Jul-2023 8:23:53	Blank	0.000	0.0038	0.0000	BLANK	1234	S092238-238	S092238-238
2	05-Jul-2023 8:24:47	Calib	4.540	0.1577	29.4901	MULTICALIBRA TOR	2206133	S092238-238	S092238-238
3	18-Jul-2023 9:31:42	Blank	0.000	0.0023	0.0000	BLANK	1234	S092238-238	S092238-238
4	18-Jul-2023 9:32:36	Calib	4.540	0.1504	30.6446	MULTICALIBRA TOR	2206133	S092238-238	S092238-238

Activate Windows  
Go to Settings to activate Windows.



## H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test BIT Month And Year Aug-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	08-Aug-2023 9:35:01	Blank	0.000	0.0028	0.0000	BLANK	1234	S092238-238	S092238-238
2	08-Aug-2023 9:35:56	Calib	4.540	0.1525	28.4372	MULTICALIBRA TOR	2206133	S092238-238	S092238-238
3	08-Aug-2023 10:00:25	Blank	0.000	0.0007	0.0000	BLANK	1234	S092238-238	S092238-236
4	08-Aug-2023 10:01:19	Calib	4.540	0.1576	28.9172	MULTICALIBRA TOR	2206133	S092238-238	S092238-238
5	17-Aug-2023 10:13:58	Blank	0.000	-0.0002	0.0000	BLANK	1234	S092238-238	S092238-238
6	17-Aug-2023 10:14:52	Calib	4.000	0.1090	24.8129	MULTICALIBRA TOR	2301065	S092238-233	S092238-235

Private Water  
 2023-08-17 10:14:52



# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test No.	BIT	Month And Year	Sep-2023							
No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #	
1	06-Sep-2023 8:35:18	Blank	0.000	0.0021	0.0000	BLANK	1234	5092238-238	5092238-238	
2	06-Sep-2023 8:36:12	Calib	4.600	0.1704	27.3321	MULTICALIBRA TOR	2301066	5092238-238	5092238-238	
3	21-Sep-2023 9:18:04	Blank	0.000	0.0016	0.0000	BLANK	1234	5092238-238	5092238-238	
4	21-Sep-2023 9:18:57	Calib	4.600	0.1767	25.9740	MULTICALIBRA TOR	2301066	5092238-238	5092238-238	

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test BIT Month And Year Oct-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	14-Oct-2023 9:14:48	Blank	0.000	0.0014	0.0000	BLANK	1234	S092238-238	S092238-238
2	14-Oct-2023 9:16:42	Calib	4.600	0.1406	33.0341	MULTICALIBRA TOR	2301066	S092238-238	S092238-238

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test	ALPU	Month And Year	Aug-2023						
No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	01-Aug-2023 8:55:47	Blank	0.000	0.0003	0.0000	BLANK	1234	B022365-308	B022365-308
2	01-Aug-2023 8:56:40	Calib	262.000	0.0590	3816.4602	MULTICALIBRA TOR	2200133	B022365-308	B022365-308
3	17-Aug-2023 10:04:56	Blank	0.000	0.0007	0.0000	BLANK	1234	B022365-308	B022365-308
4	17-Aug-2023 10:06:50	Calib	300.000	0.0723	4139.9443	MULTICALIBRA TOR	2301066	B022365-308	B022365-308

## Calibration Trace

Test	ALPU	Month And Year	Sep-2023							
No.	Calibration Date		Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	29-Sep-2023 9:40:57		Blank	0.000	0.0005	0.0000	BLANK	1234	B022365-308	B022365-308
2	29-Sep-2023 9:41:51		Calib	300.000	0.0525	5763.6890	MULTICALIBRA TOR	2301066	B022365-308	B022365-308



## H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test ALPU Month And Year Oct-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	05-Oct-2023 9:11:41	Blank	0.000	0.0006	0.0000	BLANK	1234	B022365-308	B022365-308
2	06-Oct-2023 9:12:35	Calib	300.000	0.0855	3533.5688	MULTICALIBRA TOR	2301066	B022365-308	B022365-308
3	07-Oct-2023 12:08:33	Blank	0.000	0.0007	0.0000	BLANK	1234	B022365-308	B022365-308
4	07-Oct-2023 12:09:27	Calib	300.000	0.0823	3676.4705	MULTICALIBRA TOR	2301066	B022365-308	B022365-308
5	14-Oct-2023 9:11:12	Blank	0.000	0.0005	0.0000	BLANK	1234	B022365-308	B022365-308
6	14-Oct-2023 9:12:06	Calib	300.000	0.0790	3826.5305	MULTICALIBRA TOR	2301066	B022365-308	B022365-308



# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test ALPU Month And Year Nov-2023

No.	Calibration Date	Type	Conc	ARS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	15-Nov-2023 8:51:07	Blank	0.000	0.0006	0.0000	BLANK	1234	B022365-308	B022365-308
2	15-Nov-2023 8:52:01	Calib	300.000	0.0641	4724.4007	MULTICALIBRA TOR	2301066	B022365-308	B022365-308

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test GGT Month And Year Sep-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	29-Sep-2023 9:42:45	Blank	0.000	0.0012	0.0000	BLANK	1234	S032327-311	S032327-311
2	29-Sep-2023 9:43:39	Calib	114.000	0.0619	1878.0690	MULTICALIBRA TOR	2301066	S032327-311	S032327-311

# H CLOUD LABS

JP NAGAR BANGAL ORE

## Calibration Trace

Test GGT Month And Year Aug-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	17-Aug-2023 10:06:45	Blank	0.000	0.0003	0.0000	BLANK	1234	S032327-311	S032327-311
2	17-Aug-2023 10:07:39	Calib	114.000	0.0651	1760.6176	MULTICALIBRA TOR	2301066	S032327-311	S032327-311

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test	GGT	Month And Year	Jul-2023							
No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #	
1	18-Jul-2023 9:28:05	Blank	0.000	0.0006	0.0000	BLANK	1234	S032327-311	S032327-311	
2	18-Jul-2023 9:29:00	Calib	111.000	0.0596	1881.3658	MULTICALIBRA TOR	2206133	S032327-311	S032327-311	

## H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test ALPU Month And Year Jul-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	05-Jul-2023 8:20:16	Blank	0.000	0.0006	0.0000	BLANK	1234	B012333-303	B012333-303
2	05-Jul-2023 8:21:11	Calib	262.000	0.0423	6262.9731	MULTICALIBRA TOR	2206133	B012333-303	B012333-303
3	18-Jul-2023 9:26:17	Blank	0.000	0.0006	0.0000	BLANK	1234	B012333-303	B012333-303
4	18-Jul-2023 9:27:11	Calib	262.000	0.0341	7820.8965	MULTICALIBRA TOR	2206133	B012333-303	B012333-303
5	25-Jul-2023 10:17:30	Blank	0.000	0.0007	0.0000	BLANK	1234	B012333-303	B012333-303
6	25-Jul-2023 10:18:24	Calib	262.000	0.0327	8161.9941	MULTICALIBRA TOR	2206133	B012333-303	B012333-303
7	26-Jul-2023 15:40:00	Blank	0.000	0.0014	0.0000	BLANK	1234	B022365-308	B022365-308
8	26-Jul-2023 15:40:57	Calib	262.000	0.0723	3692.7412	MULTICALIBRA TOR	2206133	B022365-308	B022365-308



# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test ALBD Month And Year Aug-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	17-Aug-2023 10:30:30	Blank	0.000	0.0059	0.0000	BLANK	1234	B102133-143	
2	17-Aug-2023 10:31:25	Calib	3.420	0.7742	5.0424	MULTICALIBRA TOR	2301066	B102133-143	

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test ALBD Month And Year Sep-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	21-Sep-2023 9:21:40	Blank	0.000	0.0837	0.0000	BLANK	1234	B022302-306	
2	21-Sep-2023 9:22:34	Calib	3.420	0.7469	5.1572	MULTICALIBRA TOR	2301066	B022302-306	

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test ALBD Month And Year Nov-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	15-Nov-2023 9:09:10	Blank	0.000	0.1118	0.0000	BLANK	1234	B022302-306	
2	15-Nov-2023 9:10:05	Calib	3.420	0.7322	5.5126	MULTICALIBRA TOR	2301066	B022302-306	
3	30-Nov-2023 8:46:32	Blank	0.000	0.0822	0.0000	BLANK	1234	B022302-306	
4	30-Nov-2023 8:47:26	Calib	3.420	0.7296	5.2831	MULTICALIBRA TOR	2301066	B022302-306	

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test GGT Month And Year Nov-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	15-Nov-2023 8:52:55	Blank	0.000	0.0014	0.0000	BLANK	1234	S032327-311	S032327-311
2	15-Nov-2023 8:53:50	Calib	114.000	0.0619	1887.4171	MULTICALIBRA TOR	2301066	S032327-311	S032327-311

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test PRO Month And Year Sep-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	06-Sep-2023 8:38:55	Blank	0.000	0.0712	0.0000	BLANK	1234	0022346-308	
2	06-Sep-2023 8:39:49	Calb	5.100	0.2632	26.5804	MULTICALIBRA TOR	2301000	0022346-308	
3	21-Sep-2023 9:23:28	Blank	0.000	0.0972	0.0000	BLANK	1234	0022346-308	
4	21-Sep-2023 9:24:23	Calb	5.100	0.4419	14.7976	MULTICALIBRA TOR	2301000	0022346-308	



## H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test PRO Month And Year Aug-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	08-Aug-2023 9:36:50	Blank	0.000	0.0836	0.0000	BLANK	1234	8022348-308	
2	08-Aug-2023 9:37:44	Calib	5.940	0.1994	43.5988	MULTICALIBRA TOR	2206133	8022348-308	
3	11-Aug-2023 8:32:29	Blank	0.000	0.0360	0.0000	BLANK	1234	8022348-308	
4	11-Aug-2023 8:33:23	Calib	5.940	0.4212	15.4483	MULTICALIBRA TOR	2200133	8022348-308	
5	17-Aug-2023 10:32:19	Blank	0.000	0.0845	0.0000	BLANK	1234	8022348-308	
6	17-Aug-2023 10:33:13	Calib	5.100	0.4300	14.7464	MULTICALIBRA TOR	2201066	8022348-308	
7	31-Aug-2023 9:08:36	Blank	0.000	0.0568	0.0000	BLANK	1234	8022348-308	
8	31-Aug-2023 9:09:31	Calib	5.100	0.3149	20.6645	MULTICALIBRA TOR	2201066	8022348-308	

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test PRO Month And Year Jul-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	18-Jul-2023 9:47:57	Blank	0.000	0.0689	0.0000	BLANK	1234	B022348-308	
2	18-Jul-2023 9:48:51	Calib	5.040	0.3533	17.7246	MULTICALIBRA TOR	2206133	B022348-308	
3	25-Jul-2023 10:22:54	Blank	0.000	0.0762	0.0000	BLANK	1234	B022348-308	
4	25-Jul-2023 10:23:49	Calib	5.040	0.2607	27.3171	MULTICALIBRA TOR	2206133	B022348-308	

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test ALBD Month And Year Jul-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	18-Jul-2023 9:46:08	Blank	0.000	0.0964	0.0000	BLANK	1234	B102133-143	
2	18-Jul-2023 9:47:03	Calib	3.520	0.7532	5.3593	MULTICALIBRA TOR	2206133	B102133-143	

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test CA Month And Year Dec-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	18-Dec-2023 10:54:26	Blank	0.000	0.1681	0.0000	BLANK	1234	S072275-230	
2	18-Dec-2023 10:55:20	Calib	10.200	0.4931	31.3798	MULTICALIBRA TOR	2301005	S072275-230	

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test	PRO	Month And Year	Jan-2024							
No.	Calibration Date		Type	Coac	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	08-Jan-2024 9:54:05		Blank	0.000	0.0678	0.0000	BLANK	1234	B022348-308	
2	08-Jan-2024 9:54:59		Calib	5.100	0.2981	23.1555	MULTICALIBRA TOR	2301066	B022348-308	



## H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test PRO Month And Year Nov-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	03-Nov-2023 10:26:22	Blank	0.000	0.0831	0.0000	BLANK	1234	B022348-308	
2	03-Nov-2023 10:27:16	Calib	5.100	0.2272	35.3798	MULTICALIBRA TOR	2301066	B022348-308	
3	15-Nov-2023 9:10:59	Blank	0.000	0.0907	0.0000	BLANK	1234	B022348-308	
4	15-Nov-2023 9:11:53	Calib	5.100	0.1955	48.6641	MULTICALIBRA TOR	2301066	B022348-308	
5	25-Nov-2023 8:36:54	Blank	0.000	0.0990	0.0000	BLANK	1234	B022348-308	
6	25-Nov-2023 8:37:48	Calib	5.100	0.4265	15.5892	MULTICALIBRA TOR	2301066	B022348-308	

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test PRO Month And Year Oct-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	22-Oct-2023 10:01:59	Blank	0.000	0.0730	0.0000	BLANK	1234	B022348-308	
2	22-Oct-2023 10:02:53	Calib	5.100	0.2753	25.2225	MULTICALIBRA TOR	2301066	B022348-308	

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test CA Month And Year Jul-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	06-Jul-2023 10:16:53	Blank	0.000	0.2348	0.0000	BLANK	1234	S072274-229	
2	06-Jul-2023 10:17:47	Calib	10.300	0.6784	29.9767	MULTICALIBRA TOR	2206133	S072274-229	
3	28-Jul-2023 10:04:31	Blank	0.000	0.2999	0.0000	BLANK	1234	S072275-230	
4	28-Jul-2023 10:05:25	Calib	10.300	0.6496	29.4496	MULTICALIBRA TOR	2206133	S072275-230	

# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test CA Month And Year Aug-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	18-Aug-2023 12:05:01	Blank	0.000	0.3735	0.0000	BLANK	1234	5072275-230	
2	18-Aug-2023 12:05:55	Calib	10.200	0.6828	32.9777	MULTICALIBRA TOR	2301066	5072275-230	
3	31-Aug-2023 9:06:30	Blank	0.000	0.4706	0.0000	BLANK	1234	5072275-230	
4	31-Aug-2023 9:07:24	Calib	10.200	0.7875	32.1716	MULTICALIBRA TOR	2301066	5072275-230	

# H CLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test CA Month And Year Oct-2023

No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	07-Oct-2023 12:14:16	Blank	0.000	0.5289	0.0000	BLANK	1234	5072275-230	
2	07-Oct-2023 12:15:10	Calib	10.200	0.8496	32.7090	MULTICALIBRA TOR	2301066	5072275-230	
3	26-Oct-2023 13:00:11	Blank	0.000	0.4392	0.0000	BLANK	1234	5072275-230	
4	26-Oct-2023 13:01:06	Calib	10.200	0.7620	81.5065	MULTICALIBRA TOR	2301066	5072275-230	



# HCLOUD LABS

JP NAGAR BANGALORE

## Calibration Trace

Test	CA	Month And Year	Nov-2023						
No.	Calibration Date	Type	Conc	ABS	Factor	Consumable	Calib Lot #	R1 Lot #	R2 Lot #
1	15-Nov-2023 9:07:22	Blank	0.000	0.4975	0.0000	BLANK	1234	5072275-230	
2	15-Nov-2023 9:08:16	Calib	10.200	0.8025	33.4426	MULTICALIBRA TCR	2301006	5072275-230	