

Calibration of Biomedical, QA of Radiology, Thermal, Mechanical, Electrotechnical, Mass, Volume, Weights, Mapping and Validation Testing Services of Laminar Air Flow, Biosafety Cabinet, OT Validation, AHU and Calibration Facility in Lab / Onsite.

**CALIBRATION CERTIFICATE** 



Customer :-		Page No. Certificate No.		:- 1 of 2 :- ACMS/240801/313-3			
AARDHYA HEALTH CARE SUPER SPECIALITY HOSPITAL					3-Aug-24		
AARPEE CHAMBERS MAROL, METRO STATION ANDHERI EAS		Recommanded		2-Aug-25			
MUMBAI 400059		(05 : 4)00	Date of Receipt		1-Aug-24		
		(25 ±4)°C	Date of Issue				
		(50 ±20) %Rh	SRF No.		ACMS/240801/313		
		ONSITE			CC360724000006993F		
00110111011		OK .	ULR No.		CM-06 (Direct method)		
		Medical Devices	Calibration Meth	10a :-	CIVI-00 (Birect method)		
Parameter	;-	Mention in Electrical Safety Test Tab	ole				
2. Description	n Of Item				ALL/DD/D A / 4		
Name		ELECTRICAL SAFETY(Biochemistry	Asset No.	]-	AH/PD/BA/4		
		Analyser)		13	5000474		
Make	:-	- CHEM-7	Sr. No.	<b>:</b>	5220171	D.T.	
Range	1-	- AS PER REPORT				PER REPORT	
Model		Bio4	Department	<u>:-</u>	Pathalogy		
3.Detail of Ed	uipment Use	d For Calibration		9			
Name		ELECTRICAL SAFETY ANALYZER					
Make/ID No.		FLUKE/ACMS-EQP-05					
Certificate No		- M-240327-22-1					
Certified By	ā ·	- GODREJ					
Calibration Va		- 27-03-2025					
4. IS Standar		- IEC 60601-1/62353 , NABL 126				88 (C)	
5. ELECTRICA		120 00001 1/ 02330 / 11112 ===					
I E CHI - TO THE POST OF THE PARTY OF THE PA		-:-		34.			
1) 1100/12 1201		TEST		Pass	Fail	N/A	
SR. NO.		Physical appearance of device		Pass			
	1	Device Clean and Decontaminated		Pass			
	2	Switches and controls operatable		Pass			
	3			Pass			
_	4	Battery Power		Pass			
	5	Alarm Function	OR MILE VIOLE	1 000			
				<del>* 24 ; 1 *</del>			
2)ELECTRIC	AL SAFETY T	EST				1-700	
SR. NO.		Parameters With Specified Limi		Pass	Fail	N/A	
1	Protective Ea	arth Resistance [Class I & II Type (<0.:	2 Ω)]	Pass			
2	Earth Leakage Current NC [Class I & II B,BF,CF Typ		ype (<5000μA)]	Pass	S-5-5	-	
3	Earth Leakage Current SFC [Class I & II B,BF,CF Ty		Type (<10000	Pass			
4	μΑ)] Enclosuer Leakage Current NC [Class I & II B,BF,CF		CF Type (<100	Pass			
5	μΑ)] Enclosure Leakage Current SFC [Class I & II B,BF,C		,CF Type	Pass			
	(<500µA)] Patient Leakage Current NC [Class I & II B,BF (<100		00 μA) Class I & II			N/A	
6	CF (<10μA)						
7	II CF (<50µA	age Current SFC [Class I & II B,BF (< A)				N/A	
8	Insulation Ro Type (>=70 (>=70 MΩ)	esistance [Class I, B Type (>=2 M $\Omega$ ), (M $\Omega$ ), Class II, B Type (>=7 M $\Omega$ ), Class	Class I,BF & CF s II,BF,CF Type	Pass	-	<del>un</del>	

1st Floor, 48/413, Beside Fire Brigade Station, Sant Tukaram Nagar, Pimpri, Pune - 411018.

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Certificate No.

:- ACMS/240801/313-3

ULR No.

- CC360724000006993F

Page No :- 02 of 02

#### Note:

1) The standards used for calibration were calibrated by using reference standard traceable to National/International standard & Calibration points were selected as per customer's specification.

2)The calibration results reported in this certificate are valid at the time of & under the stated conditions of measurement.

3) This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.

4) This certificate shall not be reproduced expect in full, unless written permission for the publication of an approved abstract has been obtained from AUTOCAL MEDI SYSTEMS, Pune.

5) The above mentioned instruments has been calibrated using Manufacturing standard recommended Protocols, using equipment having traceability to National/International Standards.

6) Decision rule: "Pass" indicates measured values are within tolerance limit of accuracy, and, "Fail" indicates measured values are not within tolerance limit of accuracy with considering measurement uncertainty. This clause is applicable only if tolerance limits are provided by the customer or mentioned in manufacturer specification.

### Conclusion/Remarks:

1) For performance parameter Decision Rule:- Applicable

For Electrical Saftey decision rule applicable as per ISO/IEC 60601-1/62353.

✓

Not Applicable

2) The Reported Expanded uncertainty of measurement is calculated at approximately 95% confidence level with coverage factor k=2

3) The Value Mentioned Above is the mean of 5 Readings.

\*\*\*End of Certificate\*\*\*

Calibrated By:

DK

Calibration Engineer (Mr.Deepak Kumar)

Format No. - ACMS/RFT/29

NEDI SASTEMOS

Rev.No./Date: 00 / ---

Approved By

Technical Manager

(Mr.Ankush Bagde) Issue No./Date: 00 / 01.12.2022

1st Floor, 48/413, Beside Fire Brigade Station, Sant Tukaram Nagar, Pimpri, Pune - 411018.

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		CALIBRATION C	CERTIFICA			
AARPEE CHAMBERS MAROL MUMBAI 400059 Ambient Temp. :- ( RH :- ( Location of calibration :- ( Condition of Item :- ( Discipline :- N		SUPER SPECIALITY HOSPITAL  OL, METRO STATION ANDHERI EAST  (25 ±4)°c (50 ±20) %Rh ON SITE OK Medical Devices Mention in Electrical Safety Test Table	Date of Receipt Date of Issue SRF No. ULR No. Calibration Met	:- A ion :- 3 Date :- 2 :- 5 :- 6	1 of 2 ACMS/240801/313-2 3-Aug-24 2-Aug-25 1-Aug-24 5-Aug-24 ACMS/240801/313 CC360724000006992F CM-06 (Direct method)	
2. Description	n Of Item					
Name :-		ELECTRICAL SAFETY(COAGULATION ANALYZER) Erba	Asset No.		AH/PD/ECL/3 4379-11-170821	
Range		AS PER REPORT	L.C. Department		AS PER REPOR Pathalogy	T.
Model		d For Calibration		7		
Name Make/ID No. Certificate No Certified By Calibration Va 4. IS Standar 5. ELECTRICA	alidity :	FLUKE/ACMS-EQP-05 - M-240327-22-1 - GODREJ - 27-03-2025 - IEC 60601-1/62353 , NABL 126			NA:	
1) VISUAL TE		8:-				
	. NO.	TEST		Pass	Fail	N/A
	1	Physical appearance of device		Pass		
	2	Device Clean and Decontaminated		Pass		
	3	Switches and controls operatable	0 0	Pass Pass		
	4	Battery Power		The second second		
	5	Alarm Function		Pass		
			<u> </u>		- 10h	-
2)ELECTRIC	AL SAFETY T					-
SR. NO.		Parameters With Specified Limit		Pass	Fail	N/A
1	Protective E	arth Resistance [Class I & II Type (<0.2 s	Ω)]	Pass		
2	Control of the contro	ge Current NC [Class I & II B,BF,CF Typ		Pass		
3	Earth Leakage Current SFC [Class I & II B,BF,CF Ty			Pass		
4	Enclosuer Leakage Current NC [Class I & II B,BF,C µA)]			Pass		
5	Enclosure Leakage Current SFC [Class I & II B,BF,0 (<500μA)]			Pass		
6	Patient Leakage Current NC [Class I & II B,BF (<100 CF (<10μA)				-	N/A
7	Patient Leakage Current SFC [Class I & II B,BF (<50				-	N/A
8	Insulation Resistance [Class I, B Type (>=2 MΩ), Class II, B Type (>=7 MΩ), Class II (>=70 MΩ)		ass I,BF & CF I,BF,CF Type	Pass		



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Certificate No.

:- ACMS/240801/313-2

ULR No.

:- CC360724000006992F

Page No :- 02 of 02

#### Note:

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### Conclusion/Remarks:

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Rev. No. / Date: 00 / ---

Technical Manager

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Issue No./Date: 00 / 01.12.2022



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		CALIBRATIO			1 of 2		
. Customer	:-		Page No.		ACMS/240801/3	12.5	
ARDHYA HI	EALTH CARE	SUPER SPECIALITY HOSPITAL	Certificate No.	1000	and a second second second second	13-3	
		OL, METRO STATION ANDHERI EA	AST Date of Calibrati		3-Aug-24		
MUMBAI 400			Recommanded		2-Aug-25		
		(25 ±4)°C	Date of Receipt		1-Aug-24		
		(50 ±20) %Rh	Date of Issue		:- 5-Aug-24		
ocation of calibration :-		ONSITE	SRF No.				
Condition of It	tem :-	OK	ULR No.		- CC360724000006995F		
100.011.10		Medical Devices	Calibration Meth	nod :-	:- CM-06 (Direct method)		
Parameter	j-	Mention in Electrical Safety Test Ta	able				
. Descriptio	n Of Item						
ame :-		ELECTRICAL SAFETY(MINIVIDAS)	Asset No.	:-	AH/PD/CM/9		
			Cr. No.	(**:	IVD5216237		
Make		Biomerieux	Sr. No.		- AS PER REPORT		
Range		AS PER REPORT	L.C.			V.1	
Model		Mini Vides	Department		Pathalogy		
		d For Calibration		7			
lame		ELECTRICAL SAFETY ANALYZER					
/lake/ID No.		FLUKE/ACMS-EQP-05					
Certificate No. :-		M-240327-22-1					
0,		GODREJ					
Calibration Va		27-03-2025					
I. IS Standaı	CAN ASSESSMENT	IEC 60601-1/62353 , NABL 126					
ELECTRICA							
I) VISUAL TI		-			F-II	NUA	
SR	R. NO.	TEST		Pass	Fail	N/A	
	1	Physical appearance of device	- 171 - 171	Pass			
	2	Device Clean and Decontaminated	d and b	Pass			
	3	Switches and controls operatable		Pass			
4		Battery Power	100	Pass			
	5	Alarm Function		Pass			
		ATTOMA					
ELECTRIC	AL SAFETY T	EST	#16. H / L H				
SR. NO.		Parameters With Specified Lim	nit	Pass	Fail	N/A	
1	Protective Earth Resistance [Class I & II Type (<0.2 Ω		).2 Ω)]	Pass	-		
2	Earth Leakage Current NC [Class I & II B,BF,CF Type			Pass			
3	Earth Leakage Current SFC [Class I & II B,BF,CF TypμΑ)]		Type (<10000	Pass			
4	Enclosuer Leakage Current NC [Class I & II B,BF,CF µA)]		,CF Type (<100	Pass	22		
5	Enclosure Leakage Current SFC [Class I & II B,BF,CF (<500μA)]		F,CF Type	Pass			
6	Patient Leakage Current NC [Class I & II B,BF (<100 CF (<10μA)		100 μA) Class I & II		-	N/A	
7	Patient Leakage Current SFC [Class I & II B,BF (<500 II CF (<50µA)		<500 μA) Class I &	talia Doub		N/A	
8	Insulation Resistance [Class I, B Type (>=2 MΩ), Class		Class I,BF & CF ss II,BF,CF Type	Pass		일보	