



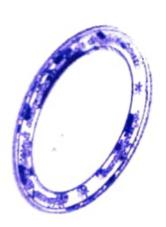
27/01/2023

LEGAL IDENTITY CERTIFICATE

This is to certify that the following Primary Health Centre is functioning under the Department of Public Health and Preventive Medicine, Government of Tamil Nadu.

Name of the District	Name of the Health Unit District	Name of the Block	Name of the Primary Health Centre	
Thoothukudi	Kovilpatti	Vilathikulam	Kulathur	

This certificate is issued for submitting the Application for the "NABL Medical Entry Level Testing M(EL)T Labs Program"



Deputy Director of Health Services Kovilpatti, Thoothukudi Dt.

Tamilnadu
Deputy Director
Health Services

development.



000	TICLO LEW LLO			TO DET	TIFICA					
	TIFICATE NO: SBS/CL/22	2/14963			MEDICAL DE	VICES	Page No:1 of			
	Date		26-	12-2022						
	No & Date		SR	SRF/22/00347 -0002 & 23-12-2022						
	ipt Date		23-	12-2022						
	ration Date		23-	23-12-2022						
	ration Due		22-	12-2023						
ust	omer Name & Address									
30V	ERNMENT UPGRADED	PRIMARY HEALTH	CENTRE.							
/ILA	THIKULAM BLOCK, KUL	ATHUR-628903, THO	OTHUKUD	DISTRICT						
		The second secon	The state of the s	Under Calibra	ation (DUC)					
)escr	option SEM	I AUTO ANALYZER	Mak	Make & Model		ROBONIK & PRIETEST TOUCH				
ang	ē		Sr	No		ATCD2108321RBK				
esol	ution		Iden	tification No	1					
UC (Condition SAT	SFACTORY	Loca			LAB				
		Environmental	Conditions	& Calibration	Procedure D	etails				
nviro	nmental Details	Temperature: 24.6*	С	Relative Humidity 48% RH						
alibr	ation Procedure No	SBS/CP/MD/20		Calibration done at ONSITE						
			Reference :	Standards De	tails	The state of the s				
.No	Description	Make	SI No:		Certificate N	lo	Validity			
	Electrical Safety Analyser	FLUKE	& 2244202		ACCS22122	4	24-06-20			
ESU	ILTS		Electrica	al Safety		N				
no	Specification	Measured value	s in MΩ	Allowable	limit in MΩ	Uncertainty	y in % (±)			
1	Insulation Resistance	77		>2	ΟΜΩ	13.9	92			
		Measured value	es in µA	Allowable	limit in µA	Uncertainty	in % (±)			
2	Earth Leakage	152		<5000µAf	or B.BF.CF	5.9	5.9			
		Measured value	s in µA	Allowable	limit in µA	Uncertainty in % (±)				
3	Enclosure Leakage	201		<500µAfor B.BF.CF		6.9				

- 2 The user should determine the suitability of the instrument for its intended use.
- 3 The recalibration interval should be determined on the user requirement.
- 4 The results stated in this certificate relate only to the item calibrated.
- 5. The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00.
- Equipment used for Calibration were calibrated & traceable to National & International Standards.

(Calibration Engineer) C SIVABALAN

Quality Manager (D.VETRI SELVI)

Chief Executive

Authorised Signatory



		CAL	IBRATI	ON	CERT	IFICA1	<u>E</u>	Page N	lo:1 of 1
RTIFICATE NO: SB	S/CL /22/1				M	EDICAL DEV	ICES	Page N	0.1011
ue Date	G-CULD!	4004		26-12-	-2022				
F No & Date			-	SRF/2	2/00347 -000	3 & 23-12-202	22		
ceipt Date			1	23-12-2022					
ibration Date				23-12-	-2022				
libration Due				22-12-					
stomer Name & Add	ross								
VERNMENT UPGE	RADED P	RIMARY HEA	LTH CENTRE	Ξ.					
ATHIKULAM BLOC	K KULA	THUR-628903	THOOTHUK	UDI D	ISTRICT.				
ATTIKOLAW BLOC	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Details of Dev	rice U	nder Calibrat	ion (DUC)			
	FLEC	TRICAL SAFET					SYSMEX & XP-100		
cription		COUNTER)		Make	& Model				
120	,00000			Sr. No		<u>//</u>	B5627		
nge abstion			113	Identi	fication No	1			
olution	CATIC	FACTORY		Locati	ion	:	LAB		
Condition	SATIS	Environt	nental Condit	ions &	& Calibration	Procedure [Details		
ironmental Details		Temperature:			Relative Hum	idity	48% RH		
		SBS/CP/MD/2		Calibration done at			ONSITE		
oration Procedure No)	SBS/CF/MIDI2		nce S	tandards Det	ails			
		_	Make/ SI No:		turiou. are a s	Certificate	No		Validity
lo Descripción						ACCS2212			24-06-202
Electrical Safety A	nalyser		FLUKE & 2244		1 Cofee	ACCOLLI			
SULTS					Safety		Hannet	ainty in %	(+)
Specificati	on	Measure	d values in M	Ω			Oncert	13.92	(-)
Insulation Resis	stance		81	>20MΩ		11	-interior W	/ A \	
		Measure	d values in µ	A			Uncertainty in % (±)		(=)
Earth Leaka	ige		162			for B,BF,CF	Uncertainty in % (±)		
Euror de amo	90	Measure	d values in µ	Α	Allowable	e limit in µA	Uncert	6.9	1 =1
Enclosure Lea	kage		197		<500µAt	or B,BF,CF		0.5	
15146									
ARKS s Calibration certifica	to chall o	ot he renroduc	ed except in fu	ull, wit	hout written a	pproval of th	e laboratory.		
s Calibration certificate user should determ	ine the e	itability of the	nstrument for	its int	ended use.				
e user should determ	line the st	madelity of the	on the user re	quirer	ment				
recalibration interva	al should I	be determined	the item call	heated					
results stated in this	s certifica	te relate only to	the item call	Jrateu		level of son	ovimately 95% for a	coverage fa	ctor k=2.00
indicated uncertain	ties are e	xpanded uncer	tainty estimate	ed for	a confidence	level of appl	oximately 95% for a		
indicated uncertain uipment used for Ca	libration v	vere calibrated	& traceable to) Natio	onal & Interna	tional Stand	alus.		
Calibrated By							Authorised Signa	atory	
0 8 1	1	/	MEDICAL			1 0			
(Dirab		100	5	/		Zoulatity Ma	nager	Chief	Executive
(Calibration Engine	er)	/41/	Channai	2/			-		
C.SIVABALAN		HSHINE	Chennai	c		(D.VE	TRI SELVI)		
		(王)	600 032	3					
		100	/ / 5	?/					
		1	5 5						

CALIBRATI	ION CERTIFICATE	
Certificate No: SBS/CL/22/14982 Customer Name & Address	ON GERTIFICATE	Page No. 1 of 1
GOVERNMENT UPGRADED PRIMARY HEALTH CENTRE,	SRF No.	SRF/22/40347-0021
VILATHIKULAM BLOCK,KULATHUR-628903, THOOTHUKUDI DISTRICT	SRF Date	27-12-2022
	Date of Receipt	27-12-2022
	Date of Calibration	27-12-2022
	Due Date for Calibration	26-12-2023
	Issue Date	27-12-2022
stails of their the tone of the		

Details of Unit Under Calibration

Description	Micro Pipette		
Danier.	ment of the tree	Make	THERMOSCIENTIFIC
Range	100-1000µ1	Model	FINNPIPETTE F3
Resolution	5 µl	Material	PVC
Serial Number	RW13278	Operating Range	
ID Number			
		Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LAB

Envir	onmental	Condition	Calibration Method Used		
Temperature (°C)	23.9	Humidity (%RH)	55	National / International Standard	ISO 8655-6:2002
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6	Cal Procedure No	SBS/CP/ML/08

Standard Used

-		Certificate No.	Make/Model	Traceability	Valid till
Electronic Semi Micro Balance	15112918	TVCSPL22/12/2115-01	∧&D & GH-252	National Standards	09-12-2023

				Resu	ılt of Calibr	ation in µl				Z Factor: 1.0031
SI. No.	Nominal Value		Obs	erved Readi	ings		Mean Value	Systemati c Error	Random Error	Measurement Uncertainty (±)
1	100	99.96	99.98	99.96	99.97	99.98	DO D4		2.0	
•	100	99.94	99.93	99.95	99.96	99.97	99.96	-0.04	0.02	0.47
2	500	49.92	49.91	49.92	49.91	49.91	40.00			0.47
-	SON	49.89	49.88	49.87	49.90	49.88	49.90	-450.10	0.02	
3	1000	999.80	999.79	999.78	999.81	999.83				0.47
,	1000	999.81	999.76	999.74	999.73	999.72	999.78	-0.22	0.04	

emarks

- 1. This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
- 2. The user should determine the suitability of the instrument for its intended use.
- 3. The recalibration interval should be determined on the user requirement.
- 4. The results stated in this certificate relate only to the item calibrated.
- 5. Equipment used for Calibration were calibrated & traceable to National & International Standards
- 6.The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00.

7. Calibration Liquid Used: Distilled or Deformal Edit Atmorring Grade3 as specified in ISO 3696.

Calibrated By,

(Calibration Engineer)
P.MYILSAMY

Authorised by:

(Quine Manager/Chief Executive)

D.VETRI SELVI



		CALIBR	ATIO	N CER	TIFICATE			
Certificate No: 5BS/CL/22/14	1963						Page No. 1 in	
Customer Name & Address								
GOVERNMENT UTGRADEI	PRIMAI	RY HEALTH CENTRE.		SRF No).	5RF/22/9	0347-0022	
VILATHIKULAM BLOOKKI	JLATHU	R-628903,		SRF Da	te	27-12-202	2	
THOOTHUKUDI DISTRICT.			Date of	Receipt	27-12-202	2		
				Date of	Calibration	27-12-202	2	
				Due Da	te for Calibration	26-12-202	3	
				Issue D	ate	27-12-2023	2	
Details of Unit Under Calibra	tion							
Description	Micro Pipette			Make		MICROLL	JX	
Range	5-50µl			Model	A CONTRACTOR			
Resolution	1 μΙ			Material	Material			
serial Number				Operatir	ig Range			
D Number				Conditio	n of UUC	Good		
Cal. At	Mecha	nical Lab		Instrume	rnt Location	LAB		
Envi	ronmenta	Condition			Calibratio	on Method Used		
emperature (°C)	23.9	Humidity (%RH)	55	National	/ International Standar	d ISO 8655-6	2002	
tmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6	Cal Proce	dure No	SBS/CP/MI	A08	
tandard Used	-		-			The same of the sa		
1. No. Description	ID.N	lo./Sl. No. C	ertificate	No.	Make/Model	Traceability	Traceability Valid till	

Z Factor: 1.00319

09-12-2023

National Standards

	Result of Calibration in µl											
51. No.	Nominal Value		Obs	served Read	lings		Mean Value	Systemati c Error	Random Error	Measurement Uncertainty (2)		
Ţ	10	9.90	9.89	9.88	9.92	9.91	9.88	-0.12	0.02	0.47		
'	10	9.89	9.88	9,87	9.86	9,84	9.00	-0.12	0.02			
2	30	29.96	29.94	29.96	29.94	29.96	29.90	-0.10	0.06	0.47		
4	30	29.84	29.85	29.84	29.85	29.84		-0.10	0.06			
	50	49.81	49.82	49.81	49.82	49.81	40.02	-0.18	0.01	0.47		
3 50	50	49.83	49.84	49.83	49.84	49.83	49.82	-0.18	0.01			

TVCSPL22/12/2115-01

A&D & GH-252

Remarks

- 1. This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
- 2. The user should determine the suitability of the instrument for its intended use.
- 3. The recalibration interval should be determined on the user requirement.

15112918

- 4. The results stated in this certificate relate only to the item calibrated.
- 5. Equipment used for Calibration were calibrated & traceable to National & International Standards
- 6. The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95%. for a coverage factor k=2.00

Chennai

Calibration Liquid Used: Distilled or Deionized State Optioning Grade3 as specified in ISO 36%.
 Calibrated By,

(Calibration Engineer) PMYILSAMY

Electronic Semi Micro

Balance

Authorised by: (Quality Manager/Chief Executive) D.VETRI SELVI



			CALI	BRATI	ON CERTI	FICATE				
CERT	FICATE NO: SBS/C	L/22/14966				THERMAL		Page No.1 of 1		
Issue	Date				26-12-2022	100000				
SFEF N	io & Date				SRF/22/00347 -0005 & 23-12-2022					
Receipt Date					23-12-2022					
Calibration Date					23-12-2022					
Calibration Due					22-12-2023					
Custo	mer Name & Addres	\$								
GOVE	RNMENT UPGRA	DED PRIMAR	Y HEALTH	CENTRE.						
VILAT	HIKULAM BLOCK	KULATHUR-6	328903.THO	OTHUKUDI D	DISTRICT					
			De	tails of Devic	e Under Calibrati	on (DUC)				
Descr	aption	TEMPERAT SENSOR OF		Make & Model			LG & GL-225BE	:G5		
Rang		2-8	*C		Sr. No					
Resol	ution	0.1	aC.		Identification No					
DUC	Condition	Satisfactory			Location		LAB			
			Environn	ental Conditio	ons & Calibration Pr	ocedure Details				
Envir	nmental Details		Temperatu	re: 26.2° C	Relative	Humidity	48 % Rh			
Calibr	ation Procedure No	,	SBS/CP/TH	1/02	Calibrati	on done at	ONSITE			
				Reference	e Standards Deta	ils				
S.No	Description			Make/ SI No	0:	Certificate	No	Validity		
t	RTD Sensor with Paperless Recorder		Tempsens& Tempsens/ & TD09200218		CC-2022-L-0157/001		21-07-2023			

CALIBRATION RESULTS

S.No.	DEVICE UNDER CALIBRATION READINGS	STANDARD INSTRUMENTS READINGS	DEVIATION	EXPANDED UNCERTAINTY (±	
	°C	°C	°C	°C	
1	2.0	1.9	0.1	0.63	
2	4.0	4.0	0.0	0.63	
3	8.0	7.9	0.1	0.63	

REMARKS

- 1 This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory
- 2 The user should determine the suitability of the instrument for its intended use.
- 3 The recalibration interval should be determined on the user requirement.
- 4. The results stated in this certificate relate only to the item calibrated.
- 5 The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00
- 6. Equipment used for Calibration were calibrated & traceable to National & International Standards
- 7 Temperature Scale International Temperature Scale, 1990(ITS-90)

(Calibration Engineer)
P: MYILSAMY

Calibrated By





Chief Executive

Authorised Signatory



			CALIL	BRATION	CERTII	FICATE					
CERT	IFICATE NO:	SBS/CL	/22/14965		M	Pa	ige No:1 of 1				
Issue	Date			26-12-2	26-12-2022						
SRF N	lo & Date			SRF/22	SRF/22/00347 -0004 & 23-12-2022						
Receip	ot Date			23-12-2	022						
Calibra	ation Date			23-12-2	2022						
Calibra	ation Due			22-12-2	2023						
Custo	mer Name & Add	ress									
GOVE	RNMENT UPG	RADED PRIM	IARY HEAL	TH CENTRE,							
VILAT	HIKULAM BLOC	K,KULATHU	R-628903,1	HOOTHUKUDI DI	STRICT						
			Det	ails of Device Unc	er Calibratio	on (DUC)					
Descr	iption :	CENTRI	FUGE	Make	Make & Model			M.C.DALAL & TC 650 D			
Range	9	4200	RPM	Sr. No		1	EDC97				
Least	Count	100	RPM	Identif	cation No						
DUC	Condition	Satisfact	tory	Locati	Location :			LAB			
		Envir	onmental (Conditions & Stan	dard Operati	ing Procedure	Details				
Enviro	onmental Details		Tempera	ture: 25.8 °C	Relative H	lumidity	50% Rh				
Calibration Procedure No SBS/CP/ML/				ML/04	/04 Calibration		ONSITE				
				Reference Star	ndards Deta	ils					
S.No	No Description		Make/ SI No:		Certificate No		Validity				
	Digital Tachometer		LINE SEIKI / 1	LINE SEIKI / 175-0034V		11	10-11-2023				

CALIBRATION RESULTS

S.No	DEVICE UNDER CALIBRATION	STANDARD INSTRUMENTS	DEVIATION	EXPANDED UNCERTAINTY
	RPM	RPM	RPM	%
1	500	499.2	-0.8	6.58
2	2000	1998.8	-1.2	6.58
3	4000	3999.7	-0.3	6.58

REMARKS

- 1. This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
- 2. The user should determine the suitability of the instrument for its intended use.
- 3. The recalibration interval should be determined on the user requirement.
- 4. The results stated in this certificate relate only to the item calibrated.
- 5. The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2 00.
- 6. Equipment used for Calibration were calibrated & traceable to National & International Standards.

Calibrated By

(Calibration Engineer)

P.MYILSAMY

Authorised Signatory

Chennal

Ch



		CALIBRA1	ΓΙΟΙ	N CER	TIFICA	TE		
CER	TIFICATE NO: SBS/CL/22/	14962	\top		MEDICAL DEV	/ICES	Page	No 1 of 1
-	Date		26-1	2-2022				
SRF	No & Date			/22/00347 -00	01 & 23-12-20	22		
Rece	ipt Date		23-1	2-2022				
Calib	ration Date		23-1	2-2022				
Calib	ration Due		22-1	2-2023				
Custo	omer Name & Address							
GOV	ERNMENT UPGRADED F	PRIMARY HEALTH CENTE	RE.					
VILA	THIKULAM BLOCK, KULA	THUR-628903, THOOTHU	KUDI	DISTRICT.				
		Details of De	evice l	Under Calibra	tion (DUC)			
Dascr	intion	TRICAL				LABOMED & LX200		
	SAFE	TY(MICROSCOPE)		e & Model		190614770		
Range			Sr. N	7.8		190014770		
Resol			1	tification No	7 2	LAB		
DUC	Condition SATIS	SFACTORY Environmental Cond	Loca		Decedure D			
_			itions	Relative Hun		48% RH		
	onmental Details	Temperature: 24.8° C	-	Calibration d	-	ONSITE		
Calibr	ation Procedure No	SBS/CP/MD/29		Standards Det		ONOTE		
			-	standards De	Certificate N	lo		Validity
	Description	Make/ SI No			ACCS22122			24-06-2023
1	Electrical Safety Analyser	The second secon		al Cafatu	ACCOLLICE			
RESI	JLTS			al Safety		Uncertaint	w in % /	+)
S.no	Specification	Measured values in I	MΩ	Allowable	limit in MΩ			-,
1	Insulation Resistance	101		>2	ΩΜΩ	13.	92	
		Measured values in p	μА		limit in µA	Uncertaint	-	±)
2	Earth Leakage	115			for B,BF,CF	5.		41
		Measured values in j	ıA	1 111 4 11 11 11	or B,BF,CF	Uncertaint		<u>-1</u>
3	Enclosure Leakage	192		<500µAI	D, DF, CF			
REMA 1.This	Calibration certificate shall	not be reproduced except in	full, with	thout written a	oproval of the	laboratory.		
2.The	user should determine the s	uitability of the instrument fo	equire	ment				
3.The	recalibration interval should	be determined on the user r	ibrator	(
4.The	results stated in this certification	ate relate only to the item cal expanded uncertainty estimate	led for	a confidence l	evel of approx	imately 95% for a cover	rage facto	or k=2.00
5.The	indicated uncertainties are e	xpanded uncertainty estimate	to Mati	a connocrac	ional Standar	is.	-	
6 Equ		were calibrated & traceable t	O Hath	onar a memor	ional otamoun	Authorised Signatory		
	Calibrated By	(EDL)			5			
	(Direct	DOMEDICAL			6 DIV		Chief Ex	ecutive
	(Calibration Engineer)	10/0			Cuality Mana	iger	Ciliei EX	Dedite.
	C SIVABALAN	Chennai C			(D.VETR	(I SELVI)		



			CAL	IBRA	TION	CERT	TIFICATE				
Certificat	te Nii: 585/CL/22/14981									Page No. 1 of 1	
Custome	Name & Address										
GOVERNMENT UPGRADED PRIMARY HEALTH CENTRE.						SEF No.		SB0F/22/00347-0020			
VILATHIKULAM BLOCK.KULATHUR-429903. SRF Date								27 12 2022			
THOOTHUKUDI DISTIBCT						Date of I	Receipt		27-12-3022		
						Date of	Calibration		27-12-2022		
						Dur Date for Calibration			26-12-2023		
						laster De	ite	27-12-2022			
Details o	f Unit Under Calibratic	en									
Descripti	ion	Micro Pipetir			Make			THERMOSCIENTIFIC			
Range		10-100 _{bil}				Model			FINNPIPETTE F3		
Resolutio	on	1 pi				Material			PVC		
Serial No	umber	RWONE	,			Operation	Lange				
ID Numl	ber				1	Condition of UUC		Good			
Cal. At		Mechani	cal Lab			Indram	ent Location		LAB		
	Envir	mmental	Condition				Calibra	tion Meth	od Used		
	ture (°C)	23.9			55	National	National / International Standard		150) 6655-6-2002		
_	heric Pressure (mbar)	1006	IV also Tampe		21 4	Cal Precedure No Str		SBS/CP/ML/	SRS/CP/ML/08		
Standard	1 Used							-	- Miller	Valid till	
SI. No.	Description	ID.N	s. / 51. No.	C	ertificate !	NO.	Make/Model	Tra	ceability		
1	Electronic Semi Micro	15	112918	TVC	WT.22/12/2	115471	A&D & GH-252	Nation	al Standards	09-12-2023	

Batance	13112-11		
1120114			Z Factor: 1.00319
		Result of Calibration in (al	

				Kevi	it of Calibe	ration in ju				
St. No.	Nominal Value	Opening management						Systemati c Error	Random Error	Measurement Uncertainty (s.
		9.9b	9.94	4.93	9.95	9.94	9.93	-0.07	0.02	0.47.
	to	4.93	9.92	9.90	9.92	9.94				
	50	40.02	49.55	49.80	49.54	49.57	49.85	-0.15	0.04	0.47
2		49.86	49.85	49.57	49.82	49.80				
3	100	90.62	99.50	99,79	99.76	99.78	99,90	-0.20	ta a	0.47
		94 80	00.51	99.55	99.80	99.79		- 020		

- LThis Calibration certificate shall not be reproduced except in full, without written approval of the laboratory
- The user should determine the suitability of the instrument for its intended use
- 3 The recalibration interval should be determined on the user requirement
- 4. The results stated in this certificate relate only to the item calibrated.
- Equipment used for Calibration were calibrated & traceable to National & International Standards
- 6. The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% 7. Calibration Used: Distilled or Dear CALED Concerning Grade3 as specified in ISO 36%.

Chennai

(Calibration Engineer) PANYILSAMY

Calibrated By.

Authorised by:

(Quylity Manager/Chief Executive)

SUNSHINE BIOMEDICAL SOLUTIONS