Z Factor. 1.00319

				Result	of Calibra	tion in gl				
Sl.	Nominal		Obs	served Re	LANSAS ASS			Systematic Error	Random Error	Measurement Uncertainty (±)
No.	Value	99.72	9.74	99.76	99.77	99.78		004	0.02	0.47
1	10	99.76	99.77	99.76	99.77	99.78	99.76	-024	0.02	0.17
	41	498.76	498.78	498.77	498.76	498.77	100 77	1 22	0.01	0.47
2	50	498.77	498.76	498.76	498.77	498.76	498.77	-1.23	0.01	0.17
		999.82	999.84	999.86	99987	999.86		0.14	0.02	0.47
3	100	999.87	999.87	999.86	999.87	99987	999.86	-0.14	0.02	0.17

Remarks

- 1.1his Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
- 2.1he user should determine the suitability of the instrument for its intended use.
- 3. The recalibration interval should be determined on the user requirement.
- 4.1he 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 Deionized water conforming Grade3 as specified in ISO 3696.

Calibrated By

(Calibration bio medical Engineer)

N.MUTHAZHAGAN

MUTHU SURGICALS



101ANNAI COMPLEX,NEW BUS STSND,PERAMBALUR -621212

GST NO: 33DDEPM1487D1ZQ

UDYAM REG NO: TN-16-000072

PHONE NO: 8056356534

CALIBRATION CERTIFICATE

7-4:60	ate No:MS99\MPT	072023							Page	e. NO : I1Of	
	er Name & Addres					=			5 1		
HE ME	DICAL OFFICER, NMENT PRIMARY		CENTRE,			: er					
VETTIYARVETTU, 521803,						Date of I	Receipt		21-08-2023 21-08-2023		
						Date of 0	Calibration				
					Due Dat	e for Calibration		22-08-2024			
Details	s Of Unit Under Ca	alibration	n	15.4			0		-		
Descri		Micro I			3.7	Make		I S	THERMO FISHER SCIENTIFIC		
Range		10-100GL				Model			FINNPIPETTE F3		
Resolu	ution					Materia			PVC		
Serial	Number	RW-01485				Operation	ng Range				
V						Condition of UUC					
Cal. A	t	Mechar	nical Lab			Instrument Location					
	Enviror	nmental	Condition	l			Calibration	n Metho	d Used		
Temperature (°c)		23.9 Humidity (%RH)		55		National / International Standard		ISO 8655-6:2002			
Atmospheric Pressure (mbar)		1006	06 Water Temperature (°0		21.6	Cal Pro	Cal Procedure No			SBS/CP/ML/08	
Standa	ard Used										
Sl. No.	Description		lo. / SL No.	Ce	rtificate	No.	Make/Mode1	Trace	eability	Valid till	
1	Electronic Semi Micro Balance	151	12918	TVCSP	L21/12/	/15×7-011			tional ndards	02-01-2024	

Z Factor. 1.00319

				Result	of Calibra	tion in gl				
SI. No.	Nominal Value		Ob	served Re				Systematic Error	Random Error	Measurement Uncertainty (±)
1	10	99.72	9.74	99.76	99.77	99.78	99.76	-024	0.02	0.47
		99.76	99.77	99.76	99.77	99.78				
	100	498.76	498.78	498.77	498.76	498.77	498.77	-1.23	0.01	0.47
2		498.77	498.76	498.76	498.77	498.76				0.77
3	1000	999.82	999.84	999.86	99987	999.86		0.14	0.00	0.47
		999.87	999.87	999.86	999.87	99987	999.86	-0.14	0.02	0.47

Remarks

- 1.1his Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
- 2.1he user should determine the suitability of the instrument for its intended use.
- 3. The recalibration interval should be determined on the user requirement.
- 4.1he 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 Deionized water conforming Grade3 as specified in ISO 3696.

Calibrated By

(Calibration bio medical Engineer)

N.MUTHAZHAGAN

Authorized Signatory

MUTHU SURGICALS



101ANNAI COMPLEX,NEW BUS STSND,PERAMBALUR -621212

GST NO: 33DDEPM1487D1ZQ

UDYAM REG NO: TN-16-000072

PHONE NO: 8056356534

CALIBRATION CERTIFICATE

				TIOI	V CL	1/111	ICHTE		Page	NO: I10f2
Certifi	cate No:MS120\M	PT0720	23			1.			1 age.	110,11012
Custo	mer Name & Addr	ess								
THE	MEDICAL OFFIC	ER,								
	'IYARVETTU PH	С,				- 6			28-08-202	12
621803,						Parendersonals me-to-ex	Receipt			
						Date of	Calibration		28-08-2023	
					Due Da	te for Calibration		29-08-2024		
									(i) (ii)	
Detai	ls Of Unit Under C	alibratio	on							
Descr	ription	Micro	Pipette			Make		THERMO FISHER SCIENTIFIC		
Range	e	100-1000GL				Model		FINNPIPETTE F3		
Resolution						Material			PVC	
Serial	Number	RW-02934				Operati	ng Range			
V						Conditi	on of UUC			
Cal. A	At	Mecha	nical Lab			Instrum	ent Location			
	Enviro	nmental	Conditio	n			Calibratio	n Meth	od Used	
Temperature (°c) 23.9 Humidity (%RH) 55				55	Nationa Standar	al / International	ISO 8655-6:2002			
Atmospheric Pressure (mbar)		1006 Water Temperature (°0		21.6	Cal Procedure No			SBS/CP/ML/08		
Standa	ard Used									
Sl. No.	Description	ID.No. / SL Certificate No.			No. Make/Mode1 Tra			Traceability Val		
1	Electronic Semi Micro Balance	151	12918	TVCSP	L21/12/	1587-01 & GH- 252			ational andards	02-01- 2024