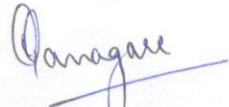


**VITAL DIGITAL HEALTHCARE PVT LTD**

Month & Year		Sep-23									
Acceptable Temperature range:		Freezer: $-22$ to $-18^{\circ}\text{C}$									
		Fridge			2-8 <sup>o</sup> celcius						
DATE	Temperature									Temperature taken by	Action taken
	10.00 am			2.00pm			6.00 pm				
	Fridge	Freezer	Sign	Fridge	Freezer	Sign	Fridge	Freezer	Sign		
01-09-23	3.9	-19.8	sh	3.1	-19.3	sh	3.1	-19.3	sh	Saba	
02-09-23	3.2	-19.6	sh	3.9	-19.2	sh	3.9	-19.1	sh	Saba	
03-09-23											
04-09-23	3.4	-19.3	sh	3.1	-19.4	sh	3.2	-19.8	sh	Saba	
05-09-23	3.9	-19.3	sh	3.4	-19.8	sh	3.4	-20.0	sh	Saba	
06-09-23	3.4	-19.1	sh	3.5	-19.2	sh	3.5	-19.6	sh	Saba	
07-09-23	3.9	-19.8	sh	3.1	-19.8	sh	3.1	-19.3	sh	Saba	
08-09-23	3.4	-19.6	sh	4.1	-19.6	sh	4.0	-19.4	sh	Saba	
09-09-23	3.5	-19.2	sh	3.2	-19.2	sh	4.3	-19.3	sh	Saba	
10-09-23											
11-09-23	3.5	-19.1	sh	4.5	-19.2	sh	4.0	-19.5	sh	Neha	
12-09-23	3.8	-19.5	sh	3.1	-19.6	sh	3.8	-19.3	sh	Neha	
13-09-23	3.6	-19.4	sh	3.2	-19.3	sh	4.1	-19.1	sh	Neha	
14-09-23	3.7	-19.2	sh	3.8	-19.1	sh	3.5	-19.6	sh	Neha	
15-09-23	3.2	-19.8	sh	3.4	-19.5	sh	3.1	-19.4	sh	Neha	
16-09-23	3.1	-19.5	sh	4.1	-19.9	sh	3.7	-19.0	sh	Neha	
17-09-23	-										
18-09-23	3.9	-19.7	sh	3.2	-19.3	sh	3.1	-19.4	sh	Saba	
19-09-23	3.5	-19.1	sh	3.3	-19.5	sh	3.8	-19.2	sh	Saba	
20-09-23	4.1	-19.3	sh	3.9	-19.4	sh	3.2	-20.0	sh	Saba	
21-09-23	4.0	-19.0	sh	4.3	-18.9	sh	4.6	-19.5	sh	Saba	
22-09-23	3.8	-19.6	sh	3.7	-19.4	sh	4.2	-19.8	sh	Saba	
23-09-23	4.1	-20.1	sh	4.3	-20.2	sh	4.0	-19.9	sh	Saba	
24-09-23	-										
25-09-23	3.9	-19.4	sh	4.0	-19.0	sh	3.8	-19.1	sh	Neha	
26-09-23	3.5	-19.5	sh	3.9	-19.5	sh	3.7	-19.6	sh	Neha	
27-09-23	3.0	-19.0	sh	3.7	-19.3	sh	3.0	-19.8	sh	Neha	
28-09-23	3.6	-19.3	sh	3.0	-19.1	sh	3.6	-19.5	sh	Neha	
29-09-23	3.9	-19.2	sh	4.1	-19.6	sh	4.1	-19.2	sh	Neha	
30-09-23	3.1	-19.0	sh	3.6	-19.1	sh	4.0	-19.0	sh	Neha	

  
 Dr. Neelam Navagare

# TECHNICAL RESOURCES

SALES, REPAIRS, AMC & FRANCHISE SERVICES OF ANALYTICAL, PRECISION, BIO-MEDICAL, BLOOD BANKING, IVF & HISTOPATHOLOGY LABORATORY EQUIPMENT.

A MSME Registered Unit, NSIC-CRISIL Rated SE 3C  
A NABL Accredited Laboratory



CC-2112

Mob. : 9819327149  
Email : info@technical-resources.in  
technicalresources@gmail.com  
Handset : 9819103181  
Webpage : www.technical-resources.in

SERVICE CENTRE : OFFICE NO. 2, M D TONES PARADISE, OPP. NEW PEDESTRAIN BRIDGE, NAVAGAON, DAHISAR (W), MUMBAI - 400 068.

## Calibration Certificate

<b>Calibration field:</b>	Mechanical-Mass-Volume	<b>NABL Accreditation no:</b>	CC-2112
<b>Accreditation valid up to:</b>	11.04.2024	<b>Certificate No:</b>	TR/2023/PIP/2239
<b>Requisition no:</b>	Sep2023-IW-320	<b>ULR No.</b>	CC211223000003219
<b>Date of receipt:</b>	29.09.2023	<b>Date of calibration:</b>	29.09.2023
<b>Calibration Done:</b>	At lab	<b>Agreed Next Calibration on:</b>	28.09.2024
		<b>Page no:</b>	1 of 2

<b>Customer details:</b>			
<b>Name:</b>	Vital Digital Healthcare Pvt Ltd	<b>Location:</b>	Pathology
<b>Address</b>	B-103,Royal Classic,New Link Road, Next to City Mall,Andheri West, Mumbai - 400053		

<b>Details of DUC:</b>		<b>Reference used:</b>	
<b>Type:</b>	Micropipette Variable (Single Channel)	<b>Balance ID</b>	METTLER AE 163
<b>Make:</b>	Erba	<b>Balance Ser. No.</b>	LC046257
<b>Condition of item:</b>	Good	<b>Traceable Certificate</b>	CC/M&V/1696/22-23
<b>Pipette volume:</b>	100-1000µl	<b>Valid up to</b>	27.12.2023
<b>Serial no:</b>	011613323	<b>Calibrated at</b>	IDEMI CC2287
<b>ID No:</b>	Pipette-1		

<b>Ambient Temp(°C):</b>	25.3	<b>Humidity(%Rh):</b>	58		
<b>Air Pressure (hPa):</b>	1013	<b>Evaporation loss(mg):</b>	0	<b>Conversion Factor Z:</b>	1.0045

### Remark:

1. Calibration procedure used: LAB SOP/09, 10 as per ISO 8655-6 & ISO/TR 20461 and NABL 129
2. The Reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor  $K=2$ , providing a level of confidence of approx. 95%.
3. The observations reported represent values at the time of measurement. They do not convey any long term stability information.
4. The reported results are calculated for 27°C
5. The standards maintained are traceable to National / International Standards through accredited laboratories.
6. Sticker affixed on the unit
7. Term Good indicates without any broken or missing parts.
8. Please check the values of SD whether in permissible limit

### Note:

1. This certificate refer only to particular instrument submitted for calibration.
2. This certificate shall not be reproduced.
3. Technical Resources shall not be responsible for any change in calibration date and performance specification on account of malfunctioning of the instrument due to damage caused to it after handing over it to the customer.
4. Any queries for the calibration certificate will be clarified only if raised with in 30days from date of issue. The reissue of certificate after 30 days will be chargeable.



Authorised Signatory  
Sr Technical Manager  
N Srinivas Rao

# TECHNICAL RESOURCES

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SERVICE CENTRE : OFFICE NO. 2, M D TONES PARADISE, OPP. NEW PEDESTRAIN BRIDGE, NAVAGAON, DAHISAR (W), MUMBAI - 400 068.

## Calibration data:

Requisition no:	Sep2023-IW-320	Certificate No:	TR/2023/PIP/2239
Serial no:	011613323	ULR No.	CC211223000003219
ID. No.:	Pipette-1	Date of calibration:	29.09.2023
		Page no:	2 of 2

### RUN DETAILS

Set Vol in $\mu$ l	Weight in mg									
	1	2	3	4	5	6	7	8	9	10
Vol 1										
100.00	100.18	100.22	100.29	100.16	100.09	100.14	100.29	100.25	100.32	100.11
Vol 2										
500.00	500.48	500.59	500.61	500.69	500.77	500.44	500.48	500.39	500.37	500.75
Vol 3										
1000.00	1001.11	1001.22	1001.39	1001.25	1001.33	1001.37	1001.49	1001.34	1001.22	1001.36

### SUMMARY STATISTICS

	Vol 1	Vol 2	Vol 3
	100.00	500.00	1000.00
Mean $\mu$ l	100.66	502.81	1005.81
Random Error $\mu$ l	0.08	0.15	0.11
Systematic Error $\mu$ l	0.66	2.81	5.81
Exp Uncertainty $\pm \mu$ l	0.27	0.27	0.27

Status Of pipette (according to ISO 8655-2 & 6 :2002 permissible limits):-  Within limits  Not Within limits

END OF RESULT

30.09.2023

Certificate Issue Date:

  
Checked By

  
Authorised signatory  
Sr Technical Manager  
N Srinivas Rao

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SALES, REPAIRS, AMC & FRANCHISE SERVICES OF ANALYTICAL, PRECISION, BIO-MEDICAL, BLOOD BANKING, IVF & HISTOPATHOLOGY LABORATORY EQUIPMENT.

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SERVICE CENTRE : OFFICE NO. 2, M D TONES PARADISE, OPP. NEW PEDESTRAIN BRIDGE, NAVAGAON, DAHISAR (W), MUMBAI - 400 068.

## Calibration Certificate

Calibration field:	Mechanical-Mass-Volume	NABL Accreditation no:	CC-2112
Accreditation valid up to:	11.04.2024	Certificate No:	TR/2023/PIP/2238
Requisition no:	Sep2023-IW-320	ULR No.	CC211223000003218
Date of receipt:	29.09.2023	Date of calibration:	29.09.2023
Calibration Done:	At lab	Agreed Next Calibration on:	28.09.2024
		Page no:	1 of 2

<b>Customer details:</b>			
Name:	Vital Digital Healthcare Pvt Ltd	Location:	Pathology
Address:	B-103,Royal Classic,New Link Road, Next to City Mall,Andheri West Mumbai - 400053		

<b>Details of DUC:</b>		<b>Reference used:</b>	
Type:	Micropipette Variable (Single Channel)	Balance ID	Mettler Toledo, PM 011
Make:	Erba	Balance Ser. No.	C147032536
Condition of item:	Good	Traceable Certificate	CC/M&V/1697/22-23
Pipette volume:	5-50µl	Valid up to	27.12.2023
Serial no:	MB401119	Calibrated at	IDEMI CC2287
ID No:	Pipette-3		

Ambient Temp(°C):	25.3	Humidity(%Rh):	58	Conversion Factor Z:	1.0045
Air Pressure (hPa):	1013	Evaporation loss(mg):	0.02		

### Remark:

1. Calibration procedure used: LAB SOP/09, 10 as per ISO 8655-6 & ISO/TR 20461 and NABL 129
2. The Reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor  $K=2$ , providing a level of confidence of approx. 95%.
3. The observations reported represent values at the time of measurement. They do not convey any long term stability information.
4. The reported results are calculated for 27°C
5. The standards maintained are traceable to National / International Standards through accredited laboratories.
6. Sticker affixed on the unit
7. Term Good indicates without any broken or missing parts.
8. Please check the values of SD whether in permissible limit

### Note:

1. This certificate refer only to particular instrument submitted for calibration.
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3. Technical Resources shall not be responsible for any change in calibration date and performance specification on account of malfunctioning of the instrument due to damage caused to it after handing over it to the customer.
4. Any queries for the calibration certificate will be clarified only if raised with in 30days from date of issue. The reissue of certificate after 30 days will be chargeable.



Authorised Signatory  
Sr Technical Manager  
N Srinivas Rao

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SERVICE CENTRE : OFFICE NO. 2, M D TONES PARADISE, OPP. NEW PEDESTRAIN BRIDGE, NAVAGAON, DAHISAR (W), MUMBAI - 400 068.

## Calibration data:

Requisition no:	Sep2023-IW-320	Certificate No:	TR/2023/PIP/2238
Serial no:	MB401119	ULR No.	CC211223000003218
ID. No.:	Pipette-3	Date of calibration:	29.09.2023
		Page no:	2 of 2

### RUN DETAILS

Set Vol in $\mu$ l	Weight in mg									
	1	2	3	4	5	6	7	8	9	10
Vol 1										
5.000	5.072	5.059	5.044	5.069	4.994	4.989	4.993	5.105	5.069	5.072
Vol 2										
25.000	25.038	25.041	25.069	25.032	25.074	25.113	24.997	25.034	25.082	25.039
Vol 3										
50.000	50.116	50.024	50.089	50.084	50.069	50.072	50.085	50.068	50.107	50.054

### SUMMARY STATISTICS

	Vol 1	Vol 2	Vol 3
Set Vol in $\mu$ l	5.000	25.000	50.000
Mean $\mu$ l	5.089	25.185	50.322
Random Error $\mu$ l	0.041	0.033	0.026
Systematic Error $\mu$ l	0.089	0.185	0.322
Exp Uncertainty $\pm \mu$ l	0.09	0.09	0.09

Status Of pipette (according to ISO 8655-2 & 6:2002 permissible limits):-  Within limits  Not Within limits

END OF RESULT

30.09.2023  
Certificate Issue Date:

*[Signature]*  
Checked By

Authorised signatory  
Sr Technical Manager  
N Srinivas Rao

