



Form Title: Micropipette calibration or Performance Check  
 Relevant SOP No.: BA032-00

Annexure I  
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Pipette ID: ~~BA15MB1017~~ *Ch-Drills* 25 Jan 2023 ~~BA1MP1017~~ Sr. No.: 21549965  
 Calibration Date: 25 Jan 2023 Calibration / Performance Check  
 Balance ID: BA15MB1009 Thermometer ID: ~~BA15MB100~~ *Ch-Drills* 25 Jan 2023 ~~BA1DTH1025~~  
 Water Batch No.: A225056 Temperature: 20.1 °C Density (D): 0.998056 gm/mL


Sr. No.	100		500		1000	
	Weight (mg)	Calculated Volume (µL)	Weight (mg)	Calculated Volume (µL)	Weight (mg)	Calculated Volume (µL)
Weighing 1	101.61	101.808	494.41	495.373	982.99	984.905
Weighing 2	101.66	101.838	491.48	492.437	981.92	983.833
Weighing 3	101.95	102.149	492.86	493.820	983.17	985.085
Weighing 4	101.97	102.169	490.34	491.295	981.41	983.322
Weighing 5	101.80	101.998	490.46	491.415	981.10	983.011
Weighing 6	101.78	101.978	490.39	491.345	980.49	982.400
Mean		101.9933		492.6143		983.7591
S.D		0.14681		1.66638		1.06532
Precision (%CV)		0.14		0.34		0.11
% Accuracy		101.99		98.52		98.38

Acceptance Criteria : % Accuracy  $\pm$  2.0 and Precision (% CV )  $\leq$  2.0

Results: Calibration/Performance check is Acceptable / Not Acceptable.

Next calibration Due Date : ~~26 Mar 2023~~ *Ch-Drills* 25 Jan 2023 ~~26 Apr 2023~~  
 Remarks :  
 Done by & Date: *Ch-Drills* 25 Jan 2023  
 Checked by & Date: *PM* 25 Jan 2023

BA032-00/F1  
*PM*  
 24 Jan 2023  
**QA ISSUED**

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Weighing slip

----- Statistics -----  
Date 25.Jan.2023  
Time 11:08:17  
Balance type XA 4Y  
Balance S/N 732839  
INST ID  
Net 0.00 mg  
Net 101.61 mg  
Net 101.66 mg  
Net 101.95 mg  
Net 101.97 mg  
Net 101.80 mg  
Net 101.78 mg  
Date 25.Jan.2023  
Time 11:15:52

Signature

*Ch. Ajitesh*  
25 Jan 2023

*Ch. Ajitesh*  
25 Jan 2023

----- Statistics -----  
Date 25.Jan.2023  
Time 12:11:51  
Balance type XA 4Y  
Balance S/N 732839  
INST ID  
Net 0.00 mg  
Net 494.41 mg  
Net 491.48 mg  
Net 492.86 mg  
Net 490.34 mg  
Net 490.46 mg  
Date 25.Jan.2023  
Time 12:20:51

Signature

*Ch. Ajitesh*  
25 Jan 2023

*Ch. Ajitesh*  
25 Jan 2023

Net 490.39 mg  
Date 25.Jan.2023  
Time 12:21:21

Signature

*Ch. Ajitesh*  
25 Jan 2023

----- Statistics -----  
Date 25.Jan.2023  
Time 12:23:23  
Balance type XA 4Y  
Balance S/N 732839  
INST ID  
Net 0.00 mg  
Net 982.99 mg  
Net 981.92 mg  
Net 983.17 mg  
Net 981.41 mg  
Net 981.10 mg  
Date 25.Jan.2023  
Time 12:37:15

Signature


*Ch. Ajitesh*  
25 Jan 2023

*Ch. Ajitesh*  
25 Jan 2023

Net 980.49 mg  
Date 25.Jan.2023  
Time 12:39:00

Signature

*Ch. Ajitesh*  
25 Jan 2023

	Form Title	Preventative Maintenance of Micropipette	Annexure IV
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Instrument ID: BA1mp1017	Date: 25 Jan 2023
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Preventive maintenance details:

Dismantled all the parts and cleaned with a solution 50:00% IPA in water followed by water.

Rinsed the parts of pipettes with HPLC water and wiped. The parts dried completely and then reassembled.

Lightly lubricated the piston of the pipettes for easy movement of piston.

Performed By: Ch. Anita  
25 Jan 2023

Calibration required: Yes/No

Authorized by- Head-BA:

SPM  
25 Jan 2023

Calibration details if performed:

Calibration performed as per sop. At 100 uL,  
500 uL, 1000 uL.

Calibration Done by: Ch. Anita  
25 Jan 2023

Checked by:

SPM  
25 Jan 2023