

# 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

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

Tel. : 022-28927149  
Email : info@technical-resources.in  
technicalresources@gmail.com  
Handset : 9819103181  
Webpage : www.technical-resources.in

## Calibration Certificate

<b>Requisition no:</b>	Oct2021-IW-262	<b>Certificate no:</b>	TR/PIP/NON/2021/156
<b>Date of receipt:</b>	01.10.2021	<b>Date of calibration:</b>	04.10.2021
		<b>Agreed Next Calibration on:</b>	03.10.2022
		<b>Page no:</b>	1 of 2

<b>Customer details:</b>			
<b>Name:</b>	Minu Clinical Laboratory	<b>Location:</b>	Lab
<b>Address:</b>	Shop No.7/8, Sunflower, Royal Complex Eksar Road, Boriwali(W) Mumbai-400091		

<b>Details of DUC:</b>		<b>Reference used:</b>	
<b>Type:</b>	Micropipette Fixed	<b>Balance ID</b>	METTLER AE 163
<b>Make:</b>	Capp	<b>Balance Ser. No.</b>	LC046257
<b>Condition of item:</b>	Good	<b>Traceable Certificate</b>	CC/M&V/1932/20-21
<b>Pipette volume:</b>	5ul	<b>Valid upto</b>	28.12.2021
<b>Serial no:</b>	AD7945		
<b>ID No:</b>	Not Specified		

<b>Ambient Temp(°C):</b>	26.2	<b>Humidity(%Rh):</b>	67	<b>Conversion Factor Z:</b>	1.0045
<b>Air Pressure (hPa):</b>	1013	<b>Evaporation loss(mg):</b>	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 weather 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.



Authorized Signatory  
Sr Technical Manager  
N Srinivas Rao

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## Calibration data:

Requisition no:	Oct2021-IW-262	Certificate no:	TR/PIP/NON/2021/156
Serial no:	AD7945	Date of calibration:	04.10.2021
ID. No.:	Not Specified	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										
5.00	4.98	4.96	5.04	5.01	5.03	5.00	4.99	5.05	5.01	5.00

### SUMMARY STATISTICS

	Vol 1
Set Vol in $\mu$ l	5.00
Mean $\mu$ l	5.05
Random Error $\mu$ l	0.03
Systematic Error $\mu$ l	0.05

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

END OF RESULT

05.10.2021

Certificate Issue Date:

  
Checked By

  
Authorized signatory  
Sr Technical Manager  
N Srinivas Rao