



ACCURATE TESTING & CALIBRATION SERVICES

(Solutions For All)

P. No. 111, K. No. 604, First Floor, Shyam Vihar, Part-II, Z-Block, Najafgarh, New Delhi-110043

E-mail : testingcalibrations@gmail.com | Web : www.accuratetestingcalibration.com

M.: 9560785835, 7404479115, 8929915491

F. No.: ATCS/QPM-32F REV.(01)26-02-2022

CALIBRATION CERTIFICATE

Page 1 of 1

CUSTOMER NAME & ADDRESS:- M/s. LifeWell Diagnostics Private Limited 1st Floor, Above Sri Guru Ram Dass Preparatory School Building, Sector- 19, Chandigarh - 160019	Certificate No.	: ATCS/HSPPLC/02/0001
	Service Request No.&Date	: 0074 & 17-02-2023
	Date of Receipt	: 17-02-2023
	Date of Calibration	: 18-02-2023
	Sug. Cal. Due Date	: 18-02-2024
	Issue Date	: 20-02-2023

ITEM'S DESCRIPTION & IDENTIFICATION

Instrument Name	: Microscope	Range / Size	: As per Specification
Make	: Olympus	Least Count	: As per Specification
Model No.	: CX21IFS1	Visual Inspection	: Ok
Serial No.	: 13G706	Location	: Biochemistry
Party ID Mark	: HS/LAB/LEQ/MSC/CDG/08-22/41		

ENVIRONMENTAL CONDITIONS	Calibration Procedure	: ATCS/CP/M-31
Temperature : (23 ± 10) °C	Reference Standard	: IS: 1248
Relative Humidity : (50 ± 20)%	Calibration Performed at	: Site

STANDARD EQUIPMENT USED			
Standard Instrument Name	Serial/Ident. No.	ULR/ Certificate No.	Valid upto
Glass Scale	AT/E/GS/001	TI/F/GS/006/22	21-06-2023
Slip Gauge Blocks	3447/ATCS/M/SGB-01	C/01/210048	10-08-2023

Mechanical Calibration		Calibration Results	
Measurements in X-Axis		Measurement in Y-Axis	
Nominal Value (mm)	Measured Value (mm)	Nominal Value (mm)	Measured Value (mm)
0	0.0	0.0	0.0
10	10.0	30.0	30.0
20	19.9	60.0	60.0
40	39.9	90.0	90.1
60	59.9	100.0	100.1
65	64.9	125.0	125.2

NOTE :

1. DUC = Devine Under Calibration, UUC=Unit Under Calibration
2. Expanded uncertainty of measurement at approx 95% confidence level for coverage factor (k) = 2
3. Suggested next due date of calibration is given as requested by customer.
4. DUC has been calibrated against lab standards are traceable to national & international standards.
5. This result of calibration refer to only to the particular item submitted for calibration.
6. Certificate issued is only scientific or industrial purposes only.
7. The result produced in this certificate are valid under the stated conditions at the time of calibration.
8. No report should be reproduced, except in full, unless a written permission for the publication of an approved abstract has been obtained from the CEO, Accurate Testing & Calibration Services, New Delhi.

Issued & Authorised By

Sanuj Kumar
(Calibrated By)



End Of Report

Harshikesh Kumar
(TM / QH)



Handwritten signature

CERTIFICATE OF CALIBRATION

ISSUED BY :
ADITYA ENGINEERING COMPANY
A/P - Khandi, Tal - purandhar, Dist - Pune - 412 301
Phone No- 02115-202091 Email - quality@adityaengg.com



Date of Calibration: 10/08/2021
Next Calibration Date: 10/08/2023

Certificate No. : C/01/210048
ULR - CC243321000000515F
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MECHANICAL CALIBRATION - DIMENSION

NAME & ADDRESS
OF CUSTOMER

M/s ACCURATE TESTING & CALIBRATION SERVICES
P.NO. 111, K.NO 804, FIRST FLOOR, SHYAM VIHAR
PART- II, Z-BLOCK, NAJAFGARH, NEW DELHI - 110 043.

WORK ORDER NO.
LAB ID. No.

187
ADT/2122/187/2

Condition of Item: OK
Date of Receipt : 09/08/2021
Date of Issue : 11/08/2021

CUSTOMER I.D. No.
GAUGE FOR CALIBRATION

ATCS/MSG8-01
SLIP GAUGE BLOCKS
MAKE- ADITYA

M88
Steel

Grade: 0
Sr No - 3447

CALIBRATION PROCEDURE

Determination of Central length deviation was done with the method of comparison by contact against Ref. Master of the same nominal size as per IS 2864 (2003) and ISO 3650 (1993). Gauge blocks were supported vertically. There was an adequate period of temperature stabilisation before the measurements were carried out.
Determination of Parallelism by 5 point measurement as per IS 2864 (2003) and ISO 3650 (1993). As per CP No. 01

EQUIPMENT & MASTERS USED FOR CALIBRATION

1. GAUGE BLOCK CALIBRATION FIXTURE WITH ELECTRONIC SYSTEM OF

Resolution: 0.00001 mm
Make: Mahr
Capacity: 0.5-100 mm
Range: ± 0.02 mm Sr. No.: 1120
2 Slip gauge Block M122 Gr-K, Steel
Make - Aditya, Sr No 2109, 0.5-100 mm

DRO
Make: Mahr
Model: Millitron
Sr. No.: 5312400

TRACEABILITY

- 1 Traceable to NABL Accredited Lab No. CC-2082 of Accurate Calibration Lab vide cert No P/28/200005 DT 21/12/2020 valid upto December- 2021
- 2 Traceable to NABL Accredited Lab No. CC-2082 of Accurate Calibration Lab vide cert No.P/01/200049 DT 20/08/2020 valid upto Aug.- 2021

ENVIRONMENTAL CONDITION

20.4° to 20.5° C

UNCERTAINTY OF MEASUREMENT (At 95% confidence level)

± 0.12 μ m For Gauges upto & including 25 mm.
 ± 0.15 μ m Over 25 mm & upto & including 50 mm.
 ± 0.23 μ m Over 50 mm & Upto & including 100 mm.


The uncertainty stated is the expanded uncertainty of measurement obtained by multiplying the standard uncertainty by the coverage factor $k=2$ corresponds to confidence level of 95.45%.

NOTE 1 Calibration results are enclosed on Page No.2 onwards.

2 The calibration results reported are corrected to the reference temperature of 20°C,
for which linear coefficient of thermal expansion = $11.5 \times 10^{-6} \text{ K}^{-1}$ was used.

3 Next calibration date (2 Years) mentioned in the certificate is given as per customer's request

NOTE The Certificate is issued subject to conditions stated overleaf.


Jayprakash Dixit
Tech Lab Assistant
Calibrated by

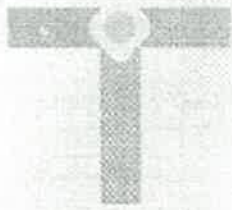


Prashant Dhamange
Manager, Calibration Lab
Approved by

CLR-25-F







TANSON INSTRUMENT

(ULTRA-HIGH PRECISION MEASUREMENT & CALIBRATION)



Certificate of Calibration

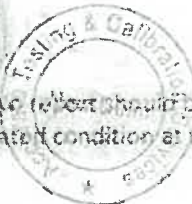
Calibration Certificate No. TI/F/GS/006/22		Date of Calibration: 22/06/2022	
UJR NO.: CC256022000001829F		Due Date of Calibration: 21/06/2023	
Date of Receipt: 22/05/2022		Page 1 of 1	
Customer Name & Address M/s. Accurate Testing & Calibration Services P. NO.111, K. NO.604, FIRST FLOOR, SHYAM VIHAR, PART-II, Z-BLOCK, NAJAFGARH, NEW DELHI-110043.		Customer Challan No.: 178 Delivery Challan Date: 17/06/2022 Our Reference No.: TIF/080/2022	
Description of Gauge/Instrument: Glass Scale Received Condition of Gauge/Instrument: Visually OK		Calibration procedure No.: TI/WI/05 Environmental Condition: Temperature = (20±1)°C Humidity = (50±10)%	
Make: BISHWANATH	Range: 0 - 1 mm		
Serial no.:	Id. No.: ATCS/FS/01		
Code No.:	Least Count: 0.01 mm		
Equipments/Masters used for Calibration:			
Master/Equipments	Sr. No/Id No.	Certificate No.	Valid up to
Laser Interferometer	H43179/TI-LH-01	18090832/D 1.02/C-123	09/10/2022

Expanded Uncertainty of Measurement at 95.45% at Confidence Level, k=2, ±0.002 µm at 1.0 mm.

Calibration Results:

Sr. No.	Nominal Value (mm)	Error (µm)	Sr. No.	Nominal Value (mm)	Error (µm)
1.	0.0	0.0	9.	0.3	-0.5
2.	0.01	+0.1	10.	0.4	-0.7
3.	0.02	+0.1	11.	0.5	-1.0
4.	0.03	+0.2	12.	0.6	+0.4
5.	0.04	+0.3	13.	0.7	+1.0
6.	0.05	+0.3	14.	0.8	+0.6
7.	0.1	+0.1	15.	0.9	+0.9
8.	0.2	-0.2	16.	1.0	+1.5

Submitted By
Sumit Tanwar



Approved By
Dy. TM
(Hitesh Tanwar)

This certificate pertains to the items calibrated at TANSON INSTRUMENT. No report should be reproduced without prior permission. The results produced in this certificate are valid under stated condition at the time of calibration.

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Kuldeep