



# Perfect Calibration Centre Pvt. Ltd.

No.40, 71st Cross, 5th Block, Rajaji Nagar, Bangalore - 560 010.  
Ph : 080-2315 5522, 2315 5577, 2315 5588, 99726 97733  
E-mail : infobl@perfectcallab.in / perfectblr@yahoo.in  
Website : www.perfectcallab.in



CC - 2247

**NABL LAB FOR : MECHANICAL • THERMAL • ET • AIR / FLUID FLOW • FORCE • MASS • OPTICAL**

## CERTIFICATE OF CALIBRATION

ULR-CC224721100011590F  
ISSUE DATE:10/07/2021

REPORT NO. : PC-07-21/ATS/0366-03

CAL DATE : 08/07/2021

DUE DATE : 07/07/2022

PAGE NO. : 1/3

CUSTOMER : M/s. COSMOS CLINIC & DIAGNOSTICS,  
ANDRAHALLI, MAIN ROAD, BANGALORE - 560 091.

CUST REF : VERBAL

DEPT. : AT SITE

### DETAILS OF DEVICE UNDER CALIBRATION

#### ELECTRONIC BALANCE

MAKE	----	RANGE	Max 500 g
MODEL	----	L.C.	0.01 g
SL. NO.	----	LOCATION	LAB
ID NO	CCD/DIGITALSCALE/52	TYPE	DIGITAL

ENVIRONMENTAL CONDITIONS:  
TEMPERATURE : 25±5°C  
HUMIDITY : 30 to 75 %RH

STANDARD USED	CERTIFICATE NUMBER	VALIDITY
MASTER WEIGHTS	WI/Junc/19/002	10/06/2022
MASTER WEIGHTS	3001020-V01	20/10/2021

The standards used are traceable to National / International Standards.  
**REFERENCE STANDARD : O.I.M.L.-R-76 RECOMMENDATION**  
**CALIBRATION PROCEDURE : PCCPL/CAL/WB/002(S)**

### CALIBRATION RESULTS

SL. NO.	NOMINAL WEIGHT VALUE	STD. WEIGHT READING	TEST BALANCE READING	OBSERVED DEVIATION
1	50 mg	0.050002 g	0.05 g	0.00 g
2	100	0.100004	0.10	0.00
3	200	0.200007	0.20	0.00
4	500	0.500004	0.50	0.00
5	1 g	1.000011	1.00	0.00
6	2	1.999978	1.99	-0.01
7	5	5.000016	4.99	-0.01
8	10	10.000030	9.98	-0.02
9	20	19.999974	19.98	-0.02
10	50	50.000062	49.96	-0.04
11	100	100.000082	99.94	-0.06
12	200	200.000149	199.94	-0.06
13	500	499.99997	499.93	-0.07

SANTHOSH KUMAR.V  
CALIBRATION ENGINEER  
CALIBRATED BY



KARTHIK.P  
CALIBRATION ENGINEER  
CHECKED BY



S.SRINIVASAN  
MANAGING DIRECTOR  
AUTHORISED SIGNATORY

THIS REPORT RELATES ONLY TO THE ITEM(S) SUBMITTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL OF M/s. PERFECT CALIBRATION CENTRE PVT. LTD. ALL REFERENCE STANDARDS USED ARE TRACEABLE TO NATIONAL / INTERNATIONAL STANDARDS AS PER ISO / IEC 17025 - 2017. THE RESULTS REPORTED ARE VALID AT THE TIME AND UNDER STATED CONDITIONS OF MEASUREMENTS. THE CALIBRATION INTERVAL IS TO BE DECIDED BY THE "USER"  
QF/7.8/01

BLR 3826



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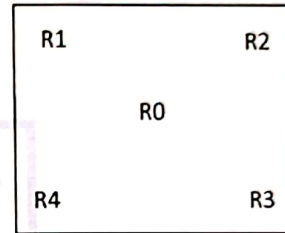
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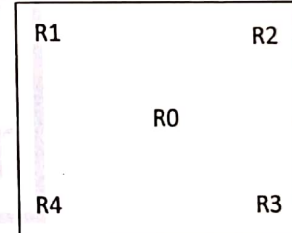
### CORNER LOAD TEST ASCENDING

POSITION	STD. WEIGHT READING	TEST BALANCE READING
R0	200 g	199.94 g
R1	200	199.94
R2	200	199.91
R3	200	199.93
R4	200	199.94



### CORNER LOAD TEST DESCENDING

POSITION	STD. WEIGHT READING	TEST BALANCE READING
R0	200 g	199.94 g
R1	200	199.94
R2	200	199.91
R3	200	199.93
R4	200	199.94



### CORNER LOAD TEST AVERAGE

ASCENDING in g		DESCENDING in g	
R0 -R1	0.00	R0 -R1	0.00
R0 -R2	0.03	R0 -R2	0.03
R0 -R3	0.01	R0 -R3	0.01
R0 -R4	0.00	R0 -R4	0.00

sk

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REPERATABILITY OF FULL LOAD TEST				REPERATABILITY OF HALF LOAD TEST			
TEST RANGE - 500g				TEST RANGE - 250g			
TRIAL	SI.NO.	STD	DUC	TRIAL	SI.NO.	STD	DUC
TRIAL - 01	1	0	0.00	TRIAL - 01	1	0	0.00
	2	500	499.93		2	250	249.94
	3	500	499.93		3	250	249.94
	4	0	0.00		4	0	0.00
TRIAL - 02	1	0	0.00	TRIAL - 02	1	0	0.00
	2	500	499.93		2	250	249.94
	3	500	499.93		3	250	249.94
	4	0	0.00		4	0	0.00
TRIAL - 03	1	0	0.00	TRIAL - 03	1	0	0.00
	2	500	499.93		2	250	249.94
	3	500	499.93		3	250	249.94
	4	0	0.00		4	0	0.00
TRIAL - 04	1	0	0.00	TRIAL - 04	1	0	0.00
	2	500	499.93		2	250	249.94
	3	500	499.93		3	250	249.94
	4	0	0.00		4	0	0.00
TRIAL - 05	1	0	0.00	TRIAL - 05	1	0	0.00
	2	500	499.93		2	250	249.94
	3	500	499.93		3	250	249.94
	4	0	0.00		4	0	0.00


**Conclusion Remarks:**

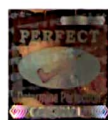
UNCERTAINTY OF MEASUREMENTS = ± 6.56mg


THE REPORTED EXPANDED UNCERTAINTY OF MEASUREMENT IS STATED AS THE STANDARD UNCERTAINTY OF MEASUREMENT MULTIPLIED BY THE COVERAGE FACTOR K SUCH THAT THE COVERAGE PROBABILITY CORRESPONDS TO APPROXIMATELY 95% AND K = 2

NOTE : THIS CALIBRATION IS VALID FOR SCIENTIFIC AND INDUSTRIAL PURPOSE ONLY.


HOWEVER,IF USED FOR COMMERCIAL TRADING ADDITIONAL RECOGNITION/APPROVAL SHALL BE COMPILED AS REQUIRED BY DEPT.OF LEGAL METROLOGY, REGULATORY BODIES,ETC...

  
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