



CHINMAYI HOSPITAL



ISO 9001 : 2015 Certified Hospital

Church Road, KUNDAPURA - 576 201, Udupi Dist., Karnataka

Tel : (08254) - 232243, 232263, 231720, 233701 - 03, Mob. : 9449833705 Fax : 233704

Website : www.chinmayihospital.com E-mail : chinmayihospital@yahoo.com

CALIBRATION REPORT

Customer Name	Chinmayi Hospital Church Road Kundapur576201	Department Name	Laboratory
Calibrated At	Site	Date of Calibration	21-12-2019
Certificate No	CH-CAL-100	Calibration Due on	20-12-2020
ENVIRONMENTAL CONDITION :		Temperature :21.8°C	Humidity:56%

DUC Details

Nomenclature	Centrifuge	Serial No	LD6M009010
Make & Model	DLAB	Asset ID No	CH/LAB/CN-01
Range	0-4500RPM	Traceable to	NABL

STANDARD INSTRUMENT USED

Nomenclature	Digital Tachometer	Serial No	L64142
Make/Model	DT2234C	Calibration Due Date	25-09-2020
Range	2.5RPM-99,999RPM	Traceable To	NABL

CALIBRATION RESULTS

SI No	Standard Meter Reading In RPM	DUC Reading in RPM	Error Obtained in RPM
PHOTO			
1	250	251	1
2	500	512	12
3	2000	2058	58
4	3500	3525	25
5	4500	4508	8

Remarks & Conclusion

1. Reported Values of DUC & Standard are Average of 5 Measuring series
2. The measurement Uncertainty is estimated at confidence level of 95 %
3. Accuracy of Centrifuge: ± 100 RPM of reading

Calibrated By

Pradeep Kumar

Authorized by

Dr Umesh Puthran



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CALIBRATION REPORT

Customer Name	Chinmayi Hospital Church Road Kundapur576201	Department Name	Laboratory
Calibrated At	Site	Date of Calibration	21-12-2019
Certificate No	CH-CAL-114	Calibration Due on	20-12-2020
ENVIRONMENTAL CONDITION : Temperature :22.4°C Humidity: 59%			
DUC Details			
Nomenclature	Pipette	Serial No	LW03859
Make & Model	Mispai2	Asset ID No	CH/LAB/Pi-01
Range	20-200 μ L	Traceable to	NABL
STANDARD INSTRUMENT USED			
Nomenclature	Weights	Serial No	NA
Make/Model	Analytical weight Box	Calibration Due Date	25-09-2020
Range	1mg-200g	Traceable To	NABL

CALIBRATION RESULTS

Sl No	STD Meter Reading (μ L)	DUC Reading in (mg)	Error Obtained in
1	20	20.001	0.001
2	50	49.989	0.021
3	100	100.002	0.002
4	200	200.002	0.002

Remarks & Conclusion

1. Reported Values of DUC & Standard are Average of 4 Measuring series
2. The measurement Uncertainty is estimated at confidence level of 95 %

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CALIBRATION REPORT

Customer Name	Chinmayi Hospital Church Road Kundapur576201	Department Name	Laboratory
Calibrated At	Site	Date of Calibration	21-12-2019
Certificate No	CH-CAL-117	Calibration Due on	20-12-2020
ENVIRONMENTAL CONDITION : Temperature :22.4°C Humidity: 59%			
DUC Details			
Nomenclature	Pipette	Serial No	LW03990
Make & Model	Mispai2	Asset ID No	CH/Lab/Pi-02
Range	2-20 μ L	Traceable to	NABL
STANDARD INSTRUMENT USED			
Nomenclature	Weights	Serial No	NA
Make/Model	Analytical weight Box	Calibration Due Date	25-09-2020
Range	1mg-200g	Traceable To	NABL

CALIBRATION RESULTS

Sl No	STD Meter Reading (μ L)	DUC Reading in (mg)	Error Obtained in
1	2	2.005	0.005
2	5	4.997	0.003
3	10	9.994	0.004
4	20	19.991	0.001

Remarks & Conclusion

1. Reported Values of DUC & Standard are Average of 4 Measuring series
2. The measurement Uncertainty is estimated at confidence level of 95 %

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CALIBRATION REPORT

Customer Name	Chinmayi Hospital Church Road Kundapur576201	Department Name	Laboratory
Calibrated At	Site	Date of Calibration	21-12-2019
Certificate No	CH-CAL-118	Calibration Due on	20-12-2020
ENVIRONMENTAL CONDITION : Temperature :22.4°C Humidity: 59%			

DUC Details

Nomenclature	Pipette	Serial No	61502221
Make & Model	Vertex	Asset ID No	CH/Lab/Pi-03
Range	10-100µL	Traceable to	NABL

STANDARD INSTRUMENT USED

Nomenclature	Weights	Serial No	NA
Make/Model	Analytical weight Box	Calibration Due Date	25-09-2020
Range	1mg-200g	Traceable To	NABL

CALIBRATION RESULTS

Sl No	STD Meter Reading (µL)	DUC Reading in (mg)	Error Obtained in
1	25	24.991	0.009
2	50	49.995	0.005
3	75	74.995	0.005
4	100	100.001	0.001

Remarks & Conclusion

1. Reported Values of DUC & Standard are Average of 4 Measuring series
2. The measurement Uncertainty is estimated at confidence level of 95 %

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CALIBRATION REPORT

Customer Name	Chinmayi Hospital Church Road Kundapur576201	Department Name	Laboratory
Calibrated At	Site	Date of Calibration	21-12-2019
Certificate No	CH-CAL-119	Calibration Due on	20-12-2020
ENVIRONMENTAL CONDITION : Temperature :22.4°C Humidity: 59%			
DUC Details			
Nomenclature	Pipette	Serial No	YN4A009062
Make & Model	Mispa i2	Asset ID No	CH/Lab/Pi-04
Range	20-200µL	Traceable to	NABL
STANDARD INSTRUMENT USED			
Nomenclature	Weights	Serial No	NA
Make/Model	Analytical weight Box	Calibration Due Date	25-09-2020
Range	1mg-200g	Traceable To	NABL

CALIBRATION RESULTS

Sl No	STD Meter Reading (µL)	DUC Reading in (mg)	Error Obtained in
1	25	25.006	0.006
2	100	99.005	0.005
3	150	150.07	0.07
4	200	200.02	0.02

Remarks & Conclusion

1. Reported Values of DUC & Standard are Average of 4 Measuring series
2. The measurement Uncertainty is estimated at confidence level of 95 %

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CALIBRATION REPORT

Customer Name	Chinmayi Hospital Church Road Kundapur576201	Department Name	Laboratory
Calibrated At	Site	Date of Calibration	21-12-2019
Certificate No	CH-CAL-120	Calibration Due on	20-12-2020
ENVIRONMENTAL CONDITION : Temperature :22.4°C Humidity: 59%			
DUC Details			
Nomenclature	Pipette	Serial No	NA
Make & Model	Bio Lab	Asset ID No	CH/Lab/Pi-05
Range	100-1000 μ L	Traceable to	NABL
STANDARD INSTRUMENT USED			
Nomenclature	Weights	Serial No	NA
Make/Model	Analytical weight Box	Calibration Due Date	25-09-2020
Range	1mg-200g	Traceable To	NABL

CALIBRATION RESULTS

Sl No	STD Meter Reading (μ L)	DUC Reading in (mg)	Error Obtained in
1	250	250.05	0.05
2	500	500.03	0.03
3	750	749.98	0.02
4	1000	999.98	0.02

Remarks & Conclusion

1. Reported Values of DUC & Standard are Average of 4 Measuring series
2. The measurement Uncertainty is estimated at confidence level of 95 %

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CALIBRATION REPORT

Customer Name	Chinmayi Hospital Church Road Kundapur576201	Department Name	Laboratory
Calibrated At	Site	Date of Calibration	21-12-2019
Certificate No	CH-CAL-121	Calibration Due on	20-12-2020
ENVIRONMENTAL CONDITION :		Temperature :21.4°C	Humidity: 59%
DUC Details			
Nomenclature	Pipette	Serial No	NA
Make & Model	Bio Lab	Asset ID No	CH/Lab/Pi-05
Range	100-1000µL	Traceable to	NABL
STANDARD INSTRUMENT USED			
Nomenclature	Weights	Serial No	NA
Make/Model	Analytical weight Box	Calibration Due Date	25-9-2020
Range	1mg-200g	Traceable To	NABL

CALIBRATION RESULTS

Sl No	STD Meter Reading (µL)	DUC Reading in (mg)	Error Obtained in
1	250	250.05	0.05
2	500	500.03	0.03
	750	749.98	0.02
4	1000	999.98	0.02

Remarks & Conclusion

1. Reported Values of DUC & Standard are Average of 4 Measuring series
2. The measurement Uncertainty is estimated at confidence level of 95 %

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CALIBRATION REPORT

Customer Name	Chinmayi Hospital Church Road Kundapur576201	Department Name	Laboratory
Calibrated At	Site	Date of Calibration	21-12-2019
Certificate No	CH-CAL-122	Calibration Due on	20-12-2020
ENVIRONMENTAL CONDITION : Temperature :22.4°C Humidity: 59%			
DUC Details			
Nomenclature	Pipette	Serial No	YE173AB0042536
Make & Model	Dragen	Asset ID No	CH/Lab/Pi-06
Range	100-1000 μ L	Traceable to	NABL
STANDARD INSTRUMENT USED			
Nomenclature	Weights	Serial No	NA
Make/Model	Analytical weight Box	Calibration Due Date	25-9-2020
Range	1mg-200g	Traceable To	NABL

CALIBRATION RESULTS

Sl No	STD Meter Reading (μ L)	DUC Reading in (mg)	Error Obtained in
1	250	250.08	0.08
2	500	500.03	0.03
3	750	749.98	0.02
4	1000	999.98	0.02

Remarks & Conclusion

1. Reported Values of DUC & Standard are Average of 4 Measuring series
2. The measurement Uncertainty is estimated at confidence level of 95 %

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CALIBRATION REPORT

Customer Name	Chinmayi Hospital Church Road Kundapur576201	Department Name	Laboratory
Calibrated At	Site	Date of Calibration	21-12-2019
Certificate No	CH-CAL-123	Calibration Due on	20-12-2020
ENVIRONMENTAL CONDITION : Temperature :22.4°C Humidity: 59%			
DUC Details			
Nomenclature	Pipette	Serial No	NA
Make & Model	Dragen	Asset ID No	CH/LAB/PI-07
Range	5-50 μ L	Traceable to	NABL
STANDARD INSTRUMENT USED			
Nomenclature	Weights	Serial No	NA
Make/Model	Analytical weight Box	Calibration Due Date	25-09-2020
Range	1mg-200g	Traceable To	NABL

CALIBRATION RESULTS

Sl No	STD Meter Reading (μ L)	DUC Reading in (mg)	Error Obtained in
1	10	9.998	0.002
2	20	19.997	0.003
3	25	24.996	0.004
4	50	49.995	0.0005

Remarks & Conclusion

1. Reported Values of DUC & Standard are Average of 4 Measuring series
2. The measurement Uncertainty is estimated at confidence level of 95 %

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CALIBRATION REPORT

Customer Name	Chinmayi Hospital Church Road Kundapur576201	Department Name	Laboratory
Calibrated At	Site	Date of Calibration	21-12-2019
Certificate No	CH-CAL-124	Calibration Due on	20-12-2020
ENVIRONMENTAL CONDITION :		Temperature : 22.4°C	Humidity: 59%

DUC Details			
Nomenclature	Pipette	Serial No	NA
Make & Model	Dragen	Asset ID No	CH/Lab/Pi-08
Range	10µL	Traceable to	NABL

STANDARD INSTRUMENT USED			
Nomenclature	Weights	Serial No	NA
Make/Model	Analytical weight Box	Calibration Due Date	25-09-2020
Range	1mg-200g	Traceable To	NABL

CALIBRATION RESULTS

Sl No	STD Meter Reading (µL)	DUC Reading in (mg)	Error Obtained in
1	2.5	2.498	0.002
2	5	4.995	0.005
3	7.5	7.498	0.002
4	10	9.995	0.005

Remarks & Conclusion

1. Reported Values of DUC & Standard are Average of 4 Measuring series
2. The measurement Uncertainty is estimated at confidence level of 95 %

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CALIBRATION REPORT

Customer Name	Chinmayi Hospital Church Road Kundapur576201	Department Name	Laboratory
Calibrated At	Site	Date of Calibration	21-12-2019
Certificate No	CH-CAL-129	Calibration Due on	20-12-2020
ENVIRONMENTAL CONDITION :		Temperature :23.8°C	Humidity:54%

DUC Details

Nomenclature	Nephelometer	Serial No	16353
Make & Model	Fine care/FS131	Asset ID No	CH/LAB/NF-02
Range	37°C	Traceable to	NABL

STANDARD INSTRUMENT USED

Nomenclature	Digital Thermometer	Serial No	20180103325
Make/Model	HTC/MT4	Calibration Due Date	25-09-2020
Range	-50°C to 550°C	Traceable To	NABL

CALIBRATION RESULTS

Sl No	STD Meter Reading °C	DUC Reading in °C	Error Obtained in °C
1	37.5	37.2	0.3
2	37.4	37.1	0.3
3	37.8	37.4	0.4
4	37.9	37.5	0.4

Remarks & Conclusion

1. Reported Values of DUC & Standard are Average of 4 Measuring series
2. The measurement Uncertainty is estimated at confidence level of 95 %
3. Accuracy of Analyzer : $\pm 1.0^\circ\text{C}$ of reading

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CALIBRATION REPORT

Customer Name	Chinmayi Hospital Church Road Kundapur576201	Department Name	Laboratory
Calibrated At	Site	Date of Calibration	21-12-2019
Certificate No	CH-CAL-96	Calibration Due on	20-12-2020
ENVIRONMENTAL CONDITION :		Temperature :21.8°C	Humidity:51%

DUC Details

Nomenclature	Incubator	Serial No	3009
Make & Model	Kemi	Asset ID No	CH/LAB/IN-01
Range	0- 100°C	Traceable to	NABL

STANDARD INSTRUMENT USED

Nomenclature	Digital Thermometer	Serial No	20180103325
Make/Model	HTC/MT4	Calibration Due Date	25-09-2020
Range	-50°C to 550°C	Traceable To	NABL

CALIBRATION RESULTS

Sl No	STD Meter Reading °C	DUC Reading in °C	Error Obtained in °C
1	20	20.1	-0.1
2	40	40.1	-0.1
3	60	60.8	-0.8
4	80	80.5	-0.5

Remarks & Conclusion

1. Reported Values of DUC & Standard are Average of 4 Measuring series
2. The measurement Uncertainty is estimated at confidence level of 95 %
3. Accuracy of Incubator : $\pm 1.5^\circ\text{C}$ of reading

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CALIBRATION REPORT

Customer Name	Chinmayi Hospital Church Road Kundapur576201	Department Name	Laboratory
Calibrated At	Site	Date of Calibration	21-12-2019
Certificate No	CH-CAL-97	Calibration Due on	20-12-2020
ENVIRONMENTAL CONDITION :		Temperature :21.8°C	Humidity:51%
DUC Details			
Nomenclature	Hot Air Oven	Serial No	3021
Make & Model	Kemi	Asset ID No	CH/LAB/HAO-01
Range	1- 100°C	Traceable to	NABL
STANDARD INSTRUMENT USED			
Nomenclature	Digital Thermometer	Serial No	20180103325
Make/Model	HTC/MT4	Calibration Due Date	25-09-2020
Range	-50°C to 550°C	Traceable To	NABL

CALIBRATION RESULTS

SI No	STD Meter Reading °C	DUC Reading in °C	Error Obtained in °C
1	20	20.4	-0.4
2	40	40.2	-0.2
3	60	60.4	-0.4
	80	80.5	-0.5

Remarks & Conclusion

1. Reported Values of DUC & Standard are Average of 4 Measuring series
2. The measurement Uncertainty is estimated at confidence level of 95 %
3. Accuracy of Hot air Oven : $\pm 1.5^\circ\text{C}$ of reading

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CALIBRATION REPORT

Customer Name		Chinmayi Hospital		Department Name		Laboratory	
Calibrated At		Church Road Kundapur576201		Date of Calibration		21-12-2019	
Certificate No		CH-CAL-99		Calibration Due on		20-12-2020	
ENVIRONMENTAL CONDITION :				Temperature : 22.6°C		Humidity : 59%	
DUC Details				Serial No		NA	
Nomenclature		Refrigerator		Asset ID No		CH/LAB/RF03	
Make & Model		LG		Traceable to		NABL	
Range		2-8°C		STANDARD INSTRUMENT USED			
Nomenclature		Digital Thermometer					
Make/Model		HTC/MT4		Serial No		20180103325	
Range		-50°C to 550°C		Calibration Due Date		25-09-2020	
CALIBRATION RESULTS				Traceable To		NABL	

Sl No	STD Meter Reading °C	DUC Reading in °C	Error Obtained in °C
1	5.1 (9:00AM)	5.2 (9 :00 AM)	0.1
2	5.2 (12 PM)	4.9 (12 PM)	0.3
3	6.2 (3:00 PM)	6.8 (3:00 PM)	-0.6
4	5.8 (5:00 PM)	5.1 (5:00 PM)	0.7

Remarks & Conclusion

1. Reported Values of DUC & Standard are Average of 4 Measuring series
2. The measurement Uncertainty is estimated at confidence level of 95 %
3. Accuracy of Refrigerator : ± 1.5°C of reading

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Calibrated At	Site	Date of Calibration	21-12-2019
Certificate No	CH-CAL-99	Calibration Due on	20-12-2020
ENVIRONMENTAL CONDITION :		Temperature :22.6°C	Humidity:59%
DUC Details			
Nomenclature	Refrigerator	Serial No	NA
Make & Model	LG	Asset ID No	CH/LAB/RF03
Range	2-8°C	Traceable to	NABL
STANDARD INSTRUMENT USED			
Nomenclature	Digital Thermometer	Serial No	20180103325
Make/Model	HTC/MT4	Calibration Due Date	25-09-2020
Range	-50°C to 550°C	Traceable To	NABL

CALIBRATION RESULTS

Sl No	STD Meter Reading °C	DUC Reading in °C	Error Obtained in °C
1	5.1 (9:00AM)	5.2 (9:00 AM)	0.1
2	5.2 (12 PM)	4.9 (12 PM)	0.3
3	6.2 (3:00 PM)	6.8 (3:00 PM)	-0.6
4	5.8 (5:00 PM)	5.1 (5:00 PM)	0.7

Remarks & Conclusion

1. Reported Values of DUC & Standard are Average of 4 Measuring series
2. The measurement Uncertainty is estimated at confidence level of 95 %
3. Accuracy of Refrigerator : $\pm 1.5^\circ\text{C}$ of reading

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