


CALIBRATION CERTIFICATE

Page 1 of 1

1. Customer Name:	M/s. Cluepath Diagnostics LLP, No.19A, New High School Road, VV Puram, Bangalore - 560004	6. Certificate No:	RCPL/23-24/TH/15353-01		
		7. ULR No:	CC221523000018711F		
		8. Date of ISSUE:	24-11-2023		
2. SRF No:	15353	9. Date of Calibration:	17-11-2023		
3. Date of SRF/Receipt:	17-11-2023	10. Next Cal Due:	16-11-2024		
4. Discipline:	Thermal Calibration	11. Calibration SOP No:	RCPL/SOP/TH-13		
5. Calibrated At:	Thermal Lab	12. Condition of DUC on Receipt:	Functional		
13. ENVIRONMENTAL CONDITION: Temperature: 25±4°C / Humidity: 30 to 75% R.H					
14. DUC DETAILS:					
Nomenclature :	Digital Thermo Hygrometer	Id No:	CPD/EQP/15		
Make & Model :	HTC & HTC-1	Resolution:	0.1° C & 1% R.H.		
Range :	-50 to 70°C & 10 to 99%R.H.	Accuracy:	±1°C & ±5% RH		
15. STANDARD INSTRUMENT USED:					
1. Nomenclature:	Digital Temp. & Humidity Meter	Serial No:	IND:5210392, SEN:20496567		
Make & Model :	Rotronic & HP-32	Cal Due Date:	27-11-2023		
Range :	-10 to 60°C/ 0 to 100%RH	Traceable to:	The Standards used for calibration is traceable to National/International Standard.		
Certificate No:	HT/CC/221128-20/001				
16. CALIBRATION RESULTS:					
Parameter: Temperature & Humidity					
SI No.	Set Value	Standard Meter Reading	DUC Reading	Error Obtained	Measurement Uncertainty ±
Temperature(°C) @50%RH					
	°C	°C	°C	°C	°C
1	15	14.96	14.8	-0.16	0.24
2	30	30.17	29.9	-0.27	0.24
3	50	50.14	49.8	-0.34	0.24
Humidity (%RH) @25°C					
	%RH	%RH	%RH	%RH	%RH
4	30	30.02	29	-1.02	1.17
5	60	59.14	58	-1.14	1.17
6	95	92.23	91	-1.23	1.17
17. REMARKS & CONCLUSION:					
a. Reported Values of STD & DUC are Average of 5 Trials.					
b. The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor k=2.00.					
c. Calibration Points & Due date is given as per Customer Request.					
Calibrated By			Authorized Signatory		
 KAVYA RAJ.K.					
CALIBRATION ENGINEER			B SRINIVAS TECHNICAL MANAGER		
*** End of Certificate ***					FM-GL-29

CALIBRATION CERTIFICATE




Page 1 of 1

1. Customer Name:	M/s. Cluepath Diagnostics LLP, No.19A, New High School Road, VV Puram, Bangalore - 560004	6. Certificate No:	RCPL/23-24/TH/I5353-02		
		7. ULR No:	CC221523000018712F		
		8. Date of ISSUE:	24-11-2023		
2. SRF No:	I5353	9. Date of Calibration:	17-11-2023		
3. Date of SRF/Receipt:	17-11-2023	10. Next Cal Due:	16-11-2024		
4. Discipline:	Thermal Calibration	11. Calibration SOP No:	RCPL/SOP/TH-01		
5. Calibrated At:	Thermal Lab	12. Condition of DUC on Receipt:	Functional		
13. ENVIRONMENTAL CONDITION: Temperature: 25±4°C / Humidity: 30 to 75%R.H					
14. DUC DETAILS:					
Nomenclature :	Digital Thermometer With Sensor	Serial No:	-----		
Make & Model :	----- & -----	ID No:	CPD/EQP/11		
Range :	-50 to 110°C	Resolution:	0.1°C		
15. STANDARD INSTRUMENT USED:					
Nomenclature:	RTD With Indicator	Serial No:	Sen: 1590, Ind: 22B070754		
Make & Model :	Sen: TEMPESENS & ----- Ind: YUDIAN & AI-5600	Cal Due Date:	19-09-2024		
Range :	-80 to 400°C	Traceable to:	The Standards used for calibration is traceable to National/International Standard.		
Certificate No:	TL/023/1097.1.1				
16. CALIBRATION RESULTS:					
Parameter: Temperature					
Sl.No	Set value	Standard Meter Reading (°C)	DUC Reading (°C)	Error Obtained (°C)	Expanded Measurement Uncertainty ± (°C)
1	-10	-10.012	-9.9	0.112	0.17
2	0	0.124	0.1	-0.024	0.17
3	30	30.119	30.0	-0.119	0.17
4	50	50.028	49.9	-0.128	0.26
5	100	99.939	99.8	-0.139	0.26
6	110	110.054	109.9	-0.154	0.26
17. REMARKS & CONCLUSION:					
a. Reported Values of STD & DUC are Average of 5 Trials.					
b. The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor k=2.00.					
c. Calibration Points & Due date is given as per Customer Request.					
d. Temperature Scale: International Temperature Scale-1990(ITS-90)					
Calibrated By			Authorized Signatory		
 KAVYA RAJ.K.			 B. SRINIVAS		
CALIBRATION ENGINEER		***End of Certificate***	TECHNICAL MANAGER		

FM-GL-29

CALIBRATION CERTIFICATE

Page 1 of 1

1. Customer Name:	M/s. Cluepath Diagnostics LLP, No.19A, New High School Road, VV Puram, Bangalore - 560004	6. Certificate No:	RCPL/23-24/TH/I5353-03		
		7. ULR No:	CC221523000018713F		
		8. Date of ISSUE:	24-11-2023		
2. SRF No:	I5353	9. Date of Calibration:	17-11-2023		
3. Date of SRF/Receipt:	17-11-2023	10. Next Cal Due:	16-11-2024		
4. Discipline:	Thermal Calibration	11. Calibration SOP No:	RCPL/SOP/TH-01		
5. Calibrated At:	Thermal Lab	12. Condition of DUC on Receipt:	Functional		
13. ENVIRONMENTAL CONDITION: Temperature: 25±4°C / Humidity: 30 to 75% R.H					
14. DUC DETAILS:					
Nomenclature :	Digital Thermometer With Sensor	Serial No:	----		
Make & Model :	----- & -----	ID No:	CPD/EQP/12		
Range :	-50 to 110°C	Resolution:	0.1°C		
15. STANDARD INSTRUMENT USED:					
Nomenclature:	RTD With Indicator	Serial No:	Sen: 1590, Ind: 22B070754		
Make & Model :	Sen: TEMPESENS & ----- Ind: YUDIAN & AI-5600	Cal Due Date:	19-09-2024		
Range :	-80 to 400°C	Traceable to:	The Standards used for calibration is traceable to National/International Standard.		
Certificate No:	TL/023/1097.1.1				
16. CALIBRATION RESULTS:					
Parameter: Temperature					
Sl.No	Set value	Standard Meter Reading (°C)	DUC Reading (°C)	Error Obtained (°C)	Expanded Measurement Uncertainty ± (°C)
1	-10	-9.914	-9.8	0.114	0.17
2	0	0.133	0.1	-0.033	0.17
3	30	30.014	29.9	-0.114	0.17
4	50	49.927	49.8	-0.127	0.17
5	100	100.038	99.9	-0.138	0.26
6	110	109.949	109.8	-0.149	0.26
17. REMARKS & CONCLUSION:					
a. Reported Values of STD & DUC are Average of 5 Trials.					
b. The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor k=2.00.					
c. Calibration Points & Due date is given as per Customer Request.					
d. Temperature Scale: International Temperature Scale-1990(ITS-90)					
Calibrated By			Authorized Signatory		
 KAVYA RAJ.K.			 B SRINIVAS		
CALIBRATION ENGINEER		***End of Certificate***		TECHNICAL MANAGER	
				FM-GL-29	