



APEX QUALITY CERTIFICATION SERVICES PVT. LTD.



Add.: 161, Kasturba Nagar, Nirman Nagar, Jaipur-302 019
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CALIBRATION CERTIFICATE

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CERTIFICATE NO.: AQCS/21031301.10002		Date of Calibration : 13/03/2021			
		Recommended due date : 12/03/2022			
CUSTOMER'S DETAILS		INSTRUMENT DESCRIPTION			
M/S RELIABLE DIAGNOSTIC CENTER C/O SHRI HOSPITAL 4, Jagatpura Road, Jaipur-302017		Nomenclature : Thermo hygrometer Make : R-tek Model : -- Sr. No. : NA Ident. No. : RDC/SH/THM/02 Range : 0 to 50°C & 20-95% RH Least Count : 0.1 °C & 1 % RH Location : -- Cal. Performed At : Lab			
Service Request No. : 210310/01 Dated: 10/03/2021					
STANDARD EQUIPMENT USED:					
Nomenclature	Identification No.	Traceability Certificate No.	Valid up to		
PT100-4wire RTD with indicator	11339/16A046131	TL/020/319.2.1	28/05/2021		
Master Thermo hygrometer	AQCS/THG-02	20000010820	06/05/2021		
ENVIRONMENTAL CONDITIONS:		PROCEDURE FOLLOWED:			
Temperature : 25 ± 2.5°C Relative Humidity : 50 ± 10%		CP/TH -08, CP/THM-01			
CALIBRATION RESULT					
PARAMETER: Temperature @50%RH			PARAMETER: Humidity @ 25°C		
Value on standard (°C)	Measurement on DUC (°C)	Error (°C)	Value on standard (% RH)	Measurement DUC (% RH)	Error (% RH)
1.37	1.6	0.23	29	30	1
14.93	15.2	0.27	43	45	2
27.18	27.5	0.32	64	66	2
36.52	36.9	0.38	75	77	2
48.05	48.5	0.45	86	88	2
REMARKS :					
1. Expanded uncertainty of Measurement at approximately 95 % confidence level for coverage factor k = 2 is as given above.					
2. The result reported in this certificate is valid at the time of and under the started conditions of Measurement for the particular item and instrument identified above.					
3. This certificate shall not be reproduced, except in full, unless a written permission for the publication of an approved abstract has been obtained from the Director, Apex Quality Certification Services Pvt. Ltd. Jaipur					
4. Format Number.: F-06/00					
Calibrated by			Approved by		
(Sachin Yadav)			 (R. R. Yadav) Quality Manager		





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CALIBRATION CERTIFICATE

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CERTIFICATE NO.: AQCS/21031301.10001		Date of Calibration : 13/03/2021	Recommended due date : 12/03/2022		
CUSTOMER'S DETAILS		INSTRUMENT DESCRIPTION			
M/S RELIABLE DIAGNOSTIC CENTER C/O SHRI HOSPITAL 4, Jagatpura Road, Jaipur-302017		Nomenclature : Thermo hygrometer Make : HTC Model : HTC-1 Sr. No. : NA Ident. No. : RDC/SH/THM/01 Range : 0 to 50°C & 20-95% RH Least Count : 0.1 °C & 1 % RH Location : -- Cal. Performed At : Lab			
Service Request No. : 210310/01 Dated: 10/03/2021					
STANDARD EQUIPMENT USED:					
Nomenclature	Identification No.	Traceability Certificate No.	Valid up to		
PT100-4wire RTD with indicator	11339/16A046131	TL/020/319.2.1	28/05/2021		
Master Thermo hygrometer	AQCS/THG-02	20000010820	06/05/2021		
ENVIRONMENTAL CONDITIONS:		PROCEDURE FOLLOWED:			
Temperature : $25 \pm 2.5^{\circ}\text{C}$ Relative Humidity : $50 \pm 10\%$		CP/TH -08, CP/THM-01			
CALIBRATION RESULT					
PARAMETER: Temperature @50%RH			PARAMETER: Humidity @ 25°C		
Value on standard (°C)	Measurement on DUC (°C)	Error (°C)	Value on standard (% RH)	Measurement DUC (% RH)	Error (% RH)
1.46	1.6	0.14	29	30	1
15.04	15.2	0.16	43	45	2
27.29	27.5	0.21	64	66	2
36.63	36.9	0.27	75	77	2
48.14	48.5	0.36	85	88	3
REMARKS :					
1. Expanded uncertainty of Measurement at approximately 95 % confidence level for coverage factor $k = 2$ is as given above.					
2. The result reported in this certificate is valid at the time of and under the started conditions of Measurement for the particular item and instrument identified above.					
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