



TransCal

Measurement to Perfection...

Main Bld Premises : Centenary Building (G . Fir), Door No.At :100
W.Park Rd., Between Sampighe Road And Margosa Rd.,
10th Crs., Malleswaram, Bangalore City, Pin-560003



CC-2231

CALIBRATION CERTIFICATE

Customer Name & Add. : M/s.

Dr Raju Blooms Diagnostic,

GangammaGudi Road, Beside Lakkamma Doddamuniyapp

Customer's Reference :

SRF No. : TSC121-22/8509

Dated : 21 Mar 2022

ULR.NO CC223121000084373F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/21-2218509-1	21 Mar 2022	20 Mar 2023	1 of 2

Details of device under calibration		Transcal ID	
Nomenclature	: Digital Thermo Hygrometer[With Sensor]	No. of Pages	: 2
Make	: -	Cal Procedure No.	: TSC/CAL/511
Model/Range	: DC-103	DUC Received	: 21 Mar 2022
SI No.	: NA	DUC Condition on Receipt	: Satisfactory
ID No.	: SSSPH/HYG/01	Cal At	: Thermal Lab

Environmental Conditions : Temperature in °C : 25

Humidity in RH % : 69

Standards used :

SI No.	Nomenclature	Make	Model	SI NoIID.No.	Certificate No.	Validity
1	Digital Hygrometer	Rotronic	HP-32	5180082	ETL/218/21 /G/F/202	22 Jun 2022
2	Temperature Sensor with Indicator	Altop/Nippon	1010	01-T-I/815974	TSC/20-211INHTCAL-59-1	20 Jan 2022

Note :

- This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
- Partial Publication/ reproduction of this Certificate in any form is not permitted without the written consent of Transcal.
- Errors if any , in this Certificate shall be brought to notice within 45 days from the date of this Certificate
- Measurement Uncertainty reported is at approximately 95 % confidence level with k=2; Units of Measurement results & Measurement Uncertainty are same as that of range selected - Unless otherwise indicated.
- Calibration of the DUC are traceable to National/International Standards
- Corrections/erasing, invalidate the Calibration Certificate- exception to the 'Final Page or Part of this Report- provided for incorporation of additional data(To be filled by customer authorized signatory and not under calibration laboratory control).
- In Result Sheets, 'Pass' indicates measured readings are within specification limit, 'Fail' Indicates measured readings are out of specification limit & ' - ' indicates no specification limit furnished.
- Unless otherwise specified the Measurement Data reported is As Found"-Without any adjustment.
- Consider Model or Range whichever is applicable.
- Nabl-133 guidelines are adopted for use of NABL symbol.

Calibrated By Anitha P (Calibration Engineer)	Checked By V Shashidhar (Lab Incharge)	Authorised By V Shashidhar (Lab Incharge)
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Tel : +91 80 4368 8889, 2334 4723 Telefax : 2344 0676

E-mail : info@transcaal.com

Website : www.transcaal.com



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CAL CERT. NO: TSC121-22/8509-1

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Range : Humidity: 20 to 99%RH Temperature : -10 to 50°C

Resolution : Humidity : 1 %RH Temperature : 0.1°C

Results:

Humidity Calibration @ 25°C temperature

SI. No.	Standard Meter Reading in %RH	DUC Reading in %RH	Deviation Observed in %RH	Measurement Uncertainty in \pm %RH	Remarks
1	25.32	22	-3.32	1.17	--
2	50.47	48	-2.47	1.17	--
3	75.53	73	-2.53	1.17	--
4	95.65	93	-2.65	1.17	--

Temperature Calibration @ 50%RH

SI. No.	Standard Meter Reading in °C	DUC Reading in °C	Deviation Observed in °C	Measurement Uncertainty in \pm °C	Remarks
1	5.0	5.3	0.3	0.27	--
2	25.0	25.3	0.3	0.27	--
3	50.0	50.2	0.2	0.27	--

Calibrated By

Anitha P

(Calibration Engineer)

Checked By

V Shashidhar

(Lab Incharge)

Authorised By

V Shashidhar

(Lab Incharge)

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