



Calibration Certificate



CC 2733

TRUE COPY

FORMAT NO. BELZ/F/28

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Name & Address of Client M/s: National Centre for Quality Calibration,4,Abhishree Corporate Park,Nr.Swagat Bungalows BRTS, Opp.Shell Petrol Pump,Isckon-Bopal Road, Ambil,Ahmedabad,Gujarat,India, 380058.	Certificate No.	30056028
	ULR No.	CC2733222300007993F
	Date of Issue	05/07/2022
	Date of Calibration Start & End	04/07/2022 - 05/07/2022
	Recommended Due Date	05/07/2023
	Service request No & Date	SO22-13465 - 27/06/2022

Instrument Details			
Instrument/Parameter Name	Hygropalm With Standard Probe	Range/Size	-10 to 60°C/0 to 100%RH
Equipment/ Machine	N/A	Accuracy/Acceptance Criteria	±0.1°C/±0.8%RH
Equipment Location	Not Specified	Least Count/Resolution	0.01°C/0.01%RH
Make/Model	Rotronic / H.P:- HP-32, Probe:-HC2-AS3	Calibrated At	** Lab
Sr.No.	5181935/20281776		
ID.No.	NCQC/T-161		

Master Equipment Used [Reference Standard/Working Standard]						
Sr. No.	Instrument Name	ID/Sr.No	Accuracy/Acceptance Criteria	Certificate No.	Calibrated By	Due Date
1	Digital Thermometer	BELZ/T/TM-01 & 064565	As Per Manual	FL/C/ET16082021-C003	Fare Labs (NABL CC-2739)	17/08/2022
2	Std.Platinum Resistance Thermometer-SPRT	BELZ/T/S/SPRT-01/ 05580	±0.007°C	FL/C/TH/01042022-C001	Fare Labs (NABL CC-2739)	05/04/2023
3	Humidity & Temp. Sensor With Indicator	BELZ/T/RHI-03/6220(Indi.)	±0.8%RH	FL/C/TH/07012022-C158	Fare Labs (NABL CC-2739)	09/01/2023
Environmental Condition	Temperature(°C)	25±3		Calibration Method	CI(T)-07	
	Relative Humidity(%RH)	30 to 70				

Calibration Results			
S.No.	Std.Avg.Readings in	UUC Avg.Readings in	Expanded Uncertainty(±)
	IN Deg C AT 50%RH	IN Deg C AT 50%RH	
01.	0.159	0.13	±0.20°C
02.	10.143	10.08	
03.	24.991	24.92	
04.	40.184	40.11	
05.	50.110	50.02	
	IN %RH AT 25°C	IN %RH AT 25°C	
01.	11.21	10.84	±0.6%RH
02.	30.07	29.62	
03.	50.68	50.25	
04.	70.36	69.83	
05.	95.03	94.37	

NCQC
Valid up to 05/07/2023
Reviewed

NCQC System Certificate No. 335

The Expanded Uncertainty of measurement was evaluated at a confidence-level of 95.45% with coverage factor, k=2 for a normal probability distribution.
UUC-Unit Under Calibration

Remarks: "The measurement result is within the tolerance limit specified by customer". Status-"Pass".

Notes: 1. This Certificate refers only to the particular item submitted for calibration. 2. This Certificate shall not be reproduced, except in full, without the written permission of Chief Executive Belz Instruments Pvt. Ltd., FARIDABAD. 3. Results Reported are valid at the time of and under the stated conditions of measurement. 4. Calibration Certificates Issued for Weight & Measure parameters i.e. Mass, Balance, Volumetric equipment, Measuring Scales / Tapes etc. are for scientific purpose only and should not be used for Trade / Commercial use. 5. UUC has been calibrated against lab standards whose values are traceable to SI units through reference standards, calibrated by NPL / NABL Accredited Labs.	Calibrated by: Rajendra Kumar Calibration Engr. Approved by: N.K.Nehra/A.K.Nehra/Vaishali Nehra Quality/Technician/Dy. Technical Manager
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