



Certificate of Calibration

Model: HMP45C

Serial Number: W0730036

CSI Calibration Number: 170417373

Calibration Procedures: TST_HMPCAL R4 PRC33A R22

Instrument Calibration Condition

Received Disposition: Out of Tolerance

Returned Disposition: In Tolerance

Recommended Calibration Schedule

If the customer has not requested a calibration interval, a non-mandatory recommended interval is provided. Based on past experience and assumed normal usage, it is recommended that this instrument be calibrated in accordance with the interval stated below to insure sustained accuracy and reliable performance.

Calibration Date: 14-Apr-17

Recommended Interval: 1 year of service

Report of Calibration Standards Used

Make/Model	Serial Number	Cal. Due Date	Trace Number
CR3000	1870	06-Mar-19	170306585
HMT-337	F0840130	07-Jun-17	2000939-160607-HMT337-F0840130

CSI certifies the above instrument meets or exceeds published specifications and has been calibrated using standards and instruments whose accuracies are traceable to the National Institute of Standards and Technology, an accepted value of a natural physical constant or a ratio calibration technique. Policies and procedures at this facility comply with ISO-9001.

Document shall not be reproduced except in full, without the written approval of Campbell Scientific, Inc.

Instrument Data Report

HMP45C Relative Humidity and Temperature

S/N: W0730036

Accuracy [%RH]: ±2% over 10-90 %RH; ±3% over 90-100 %RH

Accuracy [°C]: ±0.2 at 20

Calibration Results:

Reference Before [%RH]	Observed Before [%RH]	Difference Before [%RH]	Reference After [%RH]	Observed After [%RH]	Difference After [%RH]
20.97	19.72	-1.25	20.29	20.27	-0.02
50.67	47.95	-2.72	51.03	51.33	0.3
90.08	85	-5.08	90.19	89.8	-0.39

Reference Before [°C]	Observed Before [°C]	Difference Before [°C]	Reference After [°C]	Observed After [°C]	Difference After [°C]
23.95	23.87	-0.08	22.74	22.7	-0.04

Ambient Conditions[%RH,°C]: 26.93, 23.21


 Calibration Technician

Document shall not be reproduced except in full, without the written approval of Campbell Scientific, Inc.