

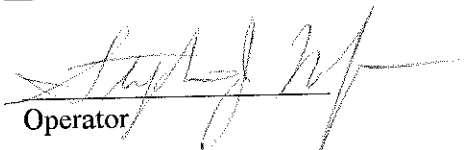
CERTIFICATE OF CONFORMANCE/CALIBRATION
ISO 9002 Certified

Company Name: CAMPBELL SCIENTIFIC
 City, State: LOGAN, UT
 Purchase Order No: 39539 S.O. # 54451
 Report Number: 83099-U3030046
 Calibration Procedure: 3-19-19c.doc

Equipment Description: HMP 45AC
 Serial #: U3030046
 Calibration Date: 8-30-99 Due Date: 1 year
 Equipment Used for
 Calibration: Controlled salt solutions Interval: 6month
 Serial #: P3940001
 NIST Standard: HMP 233 (SN# R1630018)
 Calibration Environment: Temperature: 22 °C +/- 1°C
 Humidity: 50 %RH +/- 5 %RH
 Warm Up Time: 30 min.
 Temperature of calibration bath: 22 °C ± 1°C

CALIBRATION VALUES

0% Dry Nitrogen	11.3% LiCl	75.5% NaCl	97.6% K ₂ SO ₄	STD / UUT Temp
0.1%	12.0%	75.5%	97.5%	22.6° C / 22.5° C


 Operator

We hereby certify that the above probe has passed the following procedures:

- Visual checking, all components.
- Factory calibration at 0%, 11.3%, 75.5%, and 97.6% RH referenced to NIST. All Vaisala HUMICAP® probes are linear with the 0 to 100% RH scale.
- Calibration adjustments are made at 0% and 75.5% RH.
- The accuracy of the calibration is within +/-2% RH (0-90% RH), ±3%(90-100%RH).
- Uncertainty of the calibration is ± 1.2% RH.
- The accuracy of temperature is ± .2° C @ 20° C.

The calibration of this instrument is traceable to the standards of the National Institute of Standards and Technology (NIST Test Report No. TN 261093) Dated 10 December, 1998. Due Date: 12/10/1999. The calibrations procedures are established in compliance with the requirements of ANSI/NSCL Z540-1-1994. This certificate can not be reproduced except in full, without the expressed written consent of Vaisala.


 Lab Supervisor