

CERTIFICATE OF CONFORMANCE

Calibration with NIST Traceable Certification

Customer	UOP
Cust Ref #	
Instrument	ExMa-PAI
Inst. SN.	80584
SensorSN.	10639

Date:	6/9/2017
Examiner:	TP

Ambient Temperature:	23°C
Relative Humidity:	47%RH

Comments & Observations:

Test Point Number	NIST Traceable Standard °C dp	Analyzer Under Test °C dp	Deviation Δ °C dp
1	-91.8	-93.5	-1.7
2	-80.5	-81.6	-1.1
3	-70.1	-70.9	-0.8
4	-60.4	-60.7	-0.3
5	-52.6	-52.5	0.1
6	-40.7	-41.3	-0.6
7	-30.6	-31.9	-1.3
8	-20.5	-21.7	-1.2
9	-10.5	-11.2	-0.7
10	-1.1	-2.2	-1.1
11	6.0	4.9	-1.1
12			
13			
14			

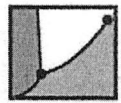
Data Traceable to NIST Certified¹ Chilled Mirror, Buck Research Model CR-1A, Serial #A07 measuring range: (-120°C to +30°C)

We hereby certify that the analyzer detailed above has been tested and calibrated by the undersigned, and its performance was found to meet our specifications unless noted otherwise in the comments section.

For and on behalf of PhyMetrix Inc.

For Quality Assurance Manager

Note: 1. For Chilled Mirror Certificate refer to the attached Manufacturer's Certificate



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Customer Name	Model #	Serial #	Date
Hygrotrace	CR-1A	A07	12/15/2016

NIST TRACEABLE STANDARD	CUSTOMER UNIT DEW POINT	DIFFERENCE	SPECIFICATION OF UNIT
13.42°C	13.45°C	+0.03°C	±0.10°C
0.95°C	0.95°C	+0.00°C	±0.10°C
-21.25°C	-21.27°C	-0.02°C	±0.10°C
-38.98°C	-38.96°C	+0.02°C	±0.10°C
-73.87°C	-73.92°C	-0.05°C	±0.15°C

Ambient Temp: 72 °F

Relative Humidity: 50%RH

NIST TRACEABLE CALIBRATION EQUIPMENT

Humidity Standard

Manufacturer	Model	Serial #
Edgetech	DewPrime 1	26073/3C975M
Buck Research Instruments	CR-3 Cryogenic Hygrometer	301

Temperature Standard

Manufacturer	Model	Serial #
Logan	PlatinumRTD	9251-12

Voltage Standard

Manufacturer	Model	Serial #
Agilent	34401A	US36112687
Hewlett Packard	34401A	US36043947

Pressure Standard

Manufacturer	Model	Serial #
Druck	DPI-740	740 01260

TESTED BY: _____