		62	CH INSTITUTE [®] Drawer 28510 ystems .aboratory 210-522-4834	ACCREDITED			
	®		libration	Calibration Laboratory Certificate #0972-01			
	Submitted By:	DIV20		Work Order: 303080667			
	Address:	B51		Date Issued: May 8, 2008			
	Contact:	DON BANNON		Calibration Date: May 8, 2008			
Man	ufacturer / Model:	VAISALA / HMP76B		*Calibration Due: May 8	, 2009		
	Description:	HUMIDITY/TEMPERAT	URE PROBE	Calibration Location: Bldg.	64		
	Serial No:	Y1120007		Environment: Temp	74.0°F Hum. 40 %R		
		010807		**Data Type: AS-Ll	FT		
	Asset No:	010786		""Data Type: AS-LI	JI I		
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Reviewed by: () srk () mar () wgh

U Measurements by: Bob Trollinger Metrology Technician

Page 1 of 1

m:\a2la1.rpt Rev date August 15, 2005

Southwest Research Institute Calibration Laboratory Measurement Report

Work Order:	303080667	Mfr:	Vaisala		Technician:	blt
Asset No:	010786	Model:	HMP77B	w- MI70 Meter		
Serial No:	Y1120007	Туре:	Temp/Humidity	Meter	Cal Date:	08-May-08
Remarks:	Calibrated with	n Vaisala MI70 S	SN Y2540054			
Adjusted Humidity.						
		Per customer	Limits set to +/-1	.0°C		
Function/Range	Test Point	TI Reading	Difference	+/-Limit	+/-Uncertainty	Left
Humidity	%RH	%RH	%RH	%RH	%RH	Result
at 25 °C	20.00	20.05	0.05	2.0	0.58	Pass
	40.01	40.43	0.42	2.0	0.58	Pass
	60.03	60.08	0.05	2.0	0.58	Pass
	79.98	79.52	-0.46	2.0	0.58	Pass
Temperature	°C	°C	°C	°C	°C	
25 °C at %RH	25.125	25.09	-0.04	1	0.062	Pass
Set Points	25.142	25.12	-0.02	1	0.062	Pass
	25.167	25.15	-0.02	1	0.062	Pass
	25.147	25.10	-0.05	1	0.062	Pass
Humidity	%RH	%RH	%RH	%RH	%RH	
at 50 °C	20.02	19.70	-0.32	2.0	0.58	Pass
	39.97	40.80	0.83	2.0	0.58	Pass
	60.06	61.06	1.00	2.0	0.58	Pass
	80.02	80.44	0.42	2.0	0.58	Pass
Temperature	°C	°C	°C	°C	°C	
50 °C at %RH	49.614	49.64	0.03	1	0.062	Pass
Set Points	49.469	49.50	0.03	1	0.062	Pass
Oct i onita	49.450	49.50	0.05	1	0.062	Pass
	49.476	49.57	0.09	1	0.062	Pass
Humidity	%RH	%RH	%RH	%RH	%RH	
at 70 °C	20.00	19.80	-0.20	2.0	0.58	Pass
	40.02	40.71	0.69	2.0	0.58	Pass
	60.09	60.41	0.32	2.0	0.58	Pass
	79.94	79.88	-0.06	2.0	0.58	Pass
Tomporatura	°C	°C	°C	°C	°C	
Temperature					0.062	Pass
70 °C at %RH	68.645 68.855	68.66	0.02	1 1	0.062	Pass Pass
Set Points	68.855	68.92	0.06 0.12		0.062	Pass Pass
	68.942	69.06 60.20		1	0.062	Pass Pass
	69.139	69.29	0.15 OF REPORT	1	0.002	rass

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