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*Determined by the customer, does not imply the instrument will remain within tolerance as any number of factors may cause an out-of-tolerance condition before this date. **Found/Left = adjustment and/or repair was not required, As Left = adjusted and/or repaired was required. The client has sole responsibility for determination of in-/out-of-tolerance or compliance/noncompliance. See Remarks or attached Measurement Report with the same Work Order number for data.

Reported uncertainty calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement" (GUM) and represents an expanded uncertainty with a coverage factor of k=2 to approximate a 95% confidence level.

Remarks: None

Standards Used

Asset No	. Serial No.	Manufacturer	Model	Description	Cal Due
009137	A21208	HART SCIENTIFIC	1575	SUPER THERMOMETER	Dec 22, 07
010281	0421	HART SCIENTIFIC	5628	SPRT	Nov 30, 08

Reviewed by: () wgh () srk jrg () blt (Metrology Technician m:\a2la1.rpt Rev date August 15, 2005

Measurements by: Bob Trollinge Metrology Technician

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Southwest Research Institute Calibration Laboratory Measurement Report

Work Order: Asset No:	303076673 007170	Mfr: Model:	Fisher-Scientific 15-166A (ASTM 10	:)	Technician:	blt
Serial No:	C98-132	Type:	· · · · · · · · · · · · · · · · · · ·		Cal Date:	27-Sep-07
Remarks:	Accuracy Refe	erecnce ANSI Z2				
Function/Range	Test Point	TI Reading	Difference	+/-Limit	+/-Uncertaintv	Found/Left

Function/Range	l est Point	T Reading	Difference	+/-Limit	+/-Uncertainty	Found/Left
Temperature	°C	°C	°C		°C	Result
·	-19.83	-20.0	-0.2	0.5	0.29	Pass
	0.05	0.0	-0.1	0.5	0.29	Pass
	50.00	50.0	0.0	0.5	0.29	Pass
	100.00	100.0	0.0	0.5	0.29	Pass
	150.00	149.5	-0.5	0.5	0.29	Pass
		END C	F REPORT			

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