*											
		SOUTHW	TE®								
				0972-01							
	Submitted By:	DIV20		Work Order:	303067443						
	Address:	B57		Date Issued:	Jan 12, 2006						
Man	Contact:	DON BANNON	15 166 4	Calibration Date:	Jan 12, 2006						
wian	Description:	THERMOMETER	13-100A	Calibration Location:	Bldg 64						
	Serial No:	C96-377		Environment:	Temp. 72.0°F Hum. 38 %RH						
	Asset No:	004993		**Data Type:	FOUND-LEFT						
i i	Procedure:	TEMPERATURE, JAN	1/04								
be reproduced, except in full, without the written approval of the Southwest Research Institute Calibration Laboratory. This certificate shall not be used to claim product endorsement by Southwest Research Institute, American Association for Laboratory Accreditation (A2LA) or any agency of the U. S. Government. Results of this calibration relate only to the instrument described above at the time of calibration and does not imply any long term stability of the instrument. *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											
Standar	ds Used										
Asset No.	Serial No.	Manufacturer	Model		Cal Due						
Reviewed	i by: blt () jrc () p y Technician	www.c.) wgh(_	Measurements to Metrology Tech	by: Mile Young						
m:\a2la1.rp	ot Rev date August 15, 20	005			Page 1 of 1						

Southwest Research Institute Calibration Laboratory Measurement Report

Work Order: Asset No.	303067443 004993	Mfr. Model	Fisher-Scientific 15-166A (ASTM 1C)		Technician	MSY
Serial No. Remarks:	Accuracy Refe	Cal Date.	12-Jan-06			
	,	-				
Function/Range	Test Point	TI Reading	Difference	+/-Limit	+/-Uncertainty	Found/Left
Temperature	°C	°C	°C	°C	°C	Result
	-19.7	-20.0	-0.3	0.5	0.12	Pass

-0.2

0.5

50.1 50.0 -0.1 0.5 99.8 99.8 0.0 0.5 149.9 149.9 0.0 0.5 END OF REPORT

0.0

0.2

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Pass

Pass

Pass

Pass

0.12

0.12

0.12

0.12