Received:12/6/2006 4:31:30PM, By:GTORRES

Asset No 002469

Work Order No. 303072186

N								
Cal Cal.	Ianufacturer: F Description: T Model: 1 Serial No. 1 Div ID/Loc. Interval: F I. Procedure: T Data Sheet:	ISHER SCIENT HERMOMETER 4-983-10B 83303 6 M HERMOMETER	IFIC }, GLASS }S, GLASS - 11 SEP	Charge/Project N Div/Clie Conta Mail Sto Phor 2006	o. OHD20.131 1.20 nt DIV20 ct DON BANNON op B57 ne 5118			
	Special Instructions							
		·····						
			Requ	lested by:	2			
					DON BANNON			
propo metho	ised method/pro od/procedure is ustilier free of	ocedure if not av propropriate or approved by th	railable in the Laborat out-dated. Deviation le customer before re	ory. The Laboratory notif is from calibration method lease, and documented of	les the customer if the proposed ds/procedures, where technically on the instrument calibration			
Dat	e Picked Up				Picked Up By			
L			Work Su	Immary				
Date	Emp.	Hours	Remarks					
Date	Emp.	Hours	Remarks	STD - 19, 85	TL -19			
Date	Emp.	Hours	Remarks - <i>3 0</i>	STD -19,85 0,0774	TL -19 0.5			
Date	Emp.	Hours	Remarks - 2 0 0 5 0	97,0 -19,85 0,0774 \$0.016	TL -19 0.5 50.5			
Date	Emp.	Hours	Remarks - 2 0 0 50 100	97,0 -19,85 0,0774 \$0.016 99.944	TL -19 0.5 50.5 100.9 -101 Sodefulnin			
Date	Emp. 	Hours	Remarks - 2 0 0 50 100 150	97,0 -19,85 0,0774 \$0.016 99.944	11 -19 0.5 50.5 100.9 -101 Sodelulnin			
Date	Emp.	Hours	Remarks - 2 0 0 5 0 10 0 15 0 15 0	97,0 -19,85 0,0774 \$0.016 99.944	11 -19 0.5 50.5 100.9 -101 Sodelului			

M:\TRAVELER10.RPT

Rev Jan 4, 2006



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, 06
010281	0421	HART SCIENTIFIC	5628	SPRT	Jun 24, 08

Reviewed by: blt () jrg () pwc () wgh () Metrology Technician m:\a2ia1.rpt Rev date August 15, 2005

Measurements by: Bob Trollinger Metrology Technician Page 1 of 1

Southwest Research Institute Calibration Laboratory Measurement Report

Work Order:	303072186	Mfr.	Fisher-Scientific 14-983-10B THERMOMETER		Technician	blt			
Asset No.	002469	Model							
Serial No.	183303	Туре.			Cal Date.	14-Dec-06			
Remarks: No accuracy is provided by manufacturer. +/- 1 Degree C resolution is used									
as the accuracy specifi	cation.			-					
TOTAL IMMERSION									
Function/Range	Test Point	TI Reading	Difference	+/-Limit	+/-Uncertainty	Found/Left			
Temperature	°C	°C	°C	°C	°C	Result			
	-19.85	-19.0	0.9	1.0	0.58	Pass			
	0.08	0.5	0.4	1.0	0.58	Pass			
	50.02	50.5	0.5	1.0	0.58	Pass			
	99.94	100.9	1.0	1.0	0.58	Pass			
		END (OF REPORT						