r				
S. R. B.	622 Phor	ST RESEARC 0 Culebra Road, P.O. Draw Institute Quality Syster Institute Calibration Labor ne: 210-522-5215 Fax 210 Certificate of Calibr	ns atory -522-4834	Calibration Laboratory Certificate #0972-01
Manufacturer / Model: SV Description: RI Serial No: 17 Asset No: 00 Procedure: DI This certificate documents traceal quality system conforms to ISO/II be reproduced, except in full, with product endorsement by Southwe of this calibration relate only to th *Determined by the customer, do this date. **Found/Left = adjustr determination of in-/out-of-tolerar	51 ON BANNON WRI / 1000 OHM ESISTOR BOX 71001)3096 ECADE RESISTOR - 21 bility to the National Institute EC 17025, 2005, ANSI/NCS hout the written approval of t est Research Institute, Americ he instrument described abov es not imply the instrument v ment and/or repair was not re- nce or compliance/noncompl n accordance with the ISO "C	e of Standards and Technology (I L Z540-1-1994 and relevant requise he Southwest Research Institute an Association for Laboratory A e at the time of calibration and d vill remain within tolerance as an quired, As Left = adjusted and/or iance. See Remarks or attached Guide to the Expression of Uncer	Work Order: 30 Date Issued: Aj Calibration Date: Aj *Calibration Due: Or Calibration Location: Bl Environment: Te *Data Type: FO DivID/Location: N/ NIST) and the International System of the ISO 9000-2000 stand Calibration Laboratory. This certifica correditation (A2LA) or any agency of boss not imply any long term stability y number of factors may cause an our repaired was required. The client ha Measurement Report with the same V tainty in Measurement" (GUM) and re-	pr 17, 2008 pr 17, 2008 ct 17, 2008 dg. 64 emp. 70.0°F Hum. 43 %RH DUND-LEFT 'A Units (SI). The Laboratory lard. This certificate shall not ate shall not be used to claim 'the U. S. Government. Results of the instrument. t-of-tolerance condition before is sole responsibility for Vork Order number for data.
Remarks: 1000.53 Ohms	$r \text{ or } \mathbf{k} = 2 \text{ to approximate a } 95$	ve confidence level.		
Standards Used				
Asset No. Serial No.	Manufacturer	Model	Description	Cal Due
001505 2823A07741	HEWLETT-PACKARD	3458A/OPT 002	MULTIMETER	May 07, 08
PLV	l		11-+5	
Reviewed by: (1) srk () mar	<u>xils</u>		Measurements by: Clint Re	- Kot
Kevieweu by: (V) SIK () IIIdi	() wgn		Metrology Technician	

Page 1 of 1

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Southwest Research Institute Calibration Laboratory Measurement Report

Work Order: Asset No:	303080490 003096	Mfr: Model:	SWRI 1000 OHM		Technician:	CER
Serial No:	171001	Type:	Resistors		Cal Date:	17-Apr-08
Remarks:						
Function/Range	Test Point	TI Reading	Difference	+/-Limit	+/-Uncertainty	Found/Left
Resistance	Ohm	Ohm	Ohm	Ohm	Ohm	Result

END OF REPORT

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