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R	6	EST RESEAR 220 Culebra Road, P.O. I Institute Quality Sy Institute Calibration L ione: 210-522-5215 Fax Certificate of Ca	vstems aboratory 210-522-4834	ACCREDITED Calibration Laboratory Certificate #0972-01		
Submitted B	v: DIV20	· · · · · · · · · · · · · · · · · · ·	Work Order: 30			
Addres			Date Issued: Se			
	t: DON BANNON			Calibration Date: Sep 4, 2007		
Manufacturer / Mode	el: SWRI / 100K-10M OHM		*Calibration Due: Mar 4, 2008			
Descriptio	n: RESISTOR BOX	RESISTOR BOX Calibration Location: Bldg. 64				
Serial N	o: 7243					
	o: 007243		**Data Type: FC			
	e: DECADE RESISTOR TO		MAR 2006 DivID/Location: N/ ogy (NIST) and the International System of			
be reproduced, except in fu product endorsement by So of this calibration relate onl *Determined by the custom this date. **Found/Left = a determination of in-/out-of- Reported uncertainty calcul uncertainty with a coverage Remarks: None	II, without the written approval of uthwest Research Institute, Ame y to the instrument described ab er, does not imply the instrumer djustment and/or repair was not tolerance or compliance/noncor	of the Southwest Research Inst erican Association for Laborato pove at the time of calibration a nt will remain within tolerance t required, As Left = adjusted a npliance. See Remarks or attac "Guide to the Expression of U	t requirements of the ISO 9000-2000 stand itute Calibration Laboratory. This certifica rry Accreditation (A2LA) or any agency of and does not imply any long term stability of as any number of factors may cause an out nd/or repaired was required. The client ha ched Measurement Report with the same W Incertainty in Measurement" (GUM) and re	tte shall not be used to claim the U. S. Government. Results of the instrument. -of-tolerance condition before s sole responsibility for Vork Order number for data.		
Standards Used						
Asset No. Serial No.	Manufacturer	Model	Description	Cal Due		
001505 2823A07741	HEWLETT-PACKARD	3458A/OPT 002	MULTIMETER	May 07, 08		
			2			
Reviewed by: () wgh () Metrology Technician m:\a2la1.rpt Rev date August 15,	srk () jrg () olt () pwc 2005	Ļ	Measurements by: Joe Grea Metrology Fechnician	Jean gey Page 1 of 1		

Southwest Research Institute Calibration Laboratory Measurement Report

Work Order: Asset No.	303076285 007243	Mfr. Model	SWRI 100k-10M OHM		Technician	JRG
Serial No.	7243	Туре.	Resistors		Cal Date.	4-Sep-07
Remarks:						
Function/Range	Test Point	TI Reading	Difference	+/-Limit	+/-Uncertainty	Found/Left
Resistance	kOhm	kOhm	kOhm	kOhm	kOhm	Result
	100.00	99.74	-0.26	1.00	0.0018	Pass
	MOhm	MOhm	MOhm	MOhm	MOhm	
	10.00	9.96	-0.04	0.10	0.0010	Pass
		END (OF REPORT			

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