Excellence in Resistance

REPORT

ORDER NO. _ _

JANUARY 11, 2013

MANUFACTURER:	OHM-LABS, INC.
DESCRIPTION:	ZERO OHM STANDARD
MODEL:	100-0
SERIAL:	
PROCEDURE:	RS CAL
LAB ENVIRONMENT:	23 °C / 28%RH
VERIFICATION DATE:	11/JAN/2013

5 A APPLIED TO TERMINALS	VOLTAGE DIFFERENCE AT TERMINALS		CALCULATED RESISTANCE	UNCERTAINTY
3-4	1-2	< 12.5 nV	< 2.5 nΩ	2 nΩ
3-1	1-4	< 12.5	< 2.5	2
3-3	1-2	< 12.5	< 2.5	2

ID	DESCRIPTION	STANDARDS USED MAKE & MODEL	CAL DUE
AS3520	NANOVOLT DETECTOR	L&N 9838	24/MAR/2013
AS1210	POWER SUPPLY	POWERTEN 3100A	CAL NR

COMMENTS:

APPLIED CURRENT WAS REVERSED DURING MEASUREMENT TO DETERMINE NANOVOLT DIFFERENCES. RESISTANCE IS CALCULATED USING R=E/I.

OHM-LABS, INC. CERTIFIES THAT THIS STANDARD HAS BEEN CALIBRATED USING STANDARDS TRACEABLE TO A RECOGNIZED NATIONAL MEASUREMENT INSTITUTE, OR DERIVED BY A RATIO TYPE SELF-CALIBRATION TECHNIQUE. THE REPORTED UNCERTAINTY USES A COVERAGE FACTOR OF K=2, GIVING AN APPROXIMATE 95% CONFIDENCE LEVEL. THIS UNCERTAINTY IS AT THE TIME OF TEST ONLY, AND DOES NOT TAKE INTO ACCOUNT TRANSIT, USAGE, DRIFT OVER TIME OR OTHER FACTORS AFFECTING STABILITY. THIS CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT WRITTEN PERMISSION BY OHM-LABS, INC.

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