



CALIBRATION REPORT

ORDER No.

JUNE 5, 2015

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MANUFACTURER: OHM-LABS
 DESCRIPTION: CURRENT SHUNT
 MODEL: CS-200
 SERIAL:

PROCEDURE: CS CAL
 LAB ENVIRONMENT: 22.2 °C / 44 %RH
 CALIBRATION DATE: 05/JUN/2015
 CALIBRATION DUE

MEASUREMENT DATA – AS FOUND / AS LEFT		
APPLIED CURRENT	MEASURED VALUE	UNCERTAINTY
40 A	1.000 001 9 mΩ	4.4 μΩ/Ω
80	1.000 000 9	3.0
120	0.999 990 4	3.7
160	0.999 961 4	7.9
200	0.999 904 9	8.7

NOTES:
 SHUNT WAS ALLOWED TO FULLY STABILIZE AT EACH APPLIED CURRENT.

ID	DESCRIPTION	STANDARDS USED	
		MAKE & MODEL	CAL DUE
AS3001	RESISTANCE STANDARD	OHM-LABS 2001	0/SEP/2015
AS3401	RESISTANCE BRIDGE	GUILDLINE 9920A	01/APR/2016

COMMENTS:

OHM-LABS, INC. CERTIFIES THAT THIS CALIBRATION IS TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST), OR ANOTHER RECOGNIZED NATIONAL MEASUREMENT INSTITUTE, OR DERIVED BY A RATIO TYPE SELF-CALIBRATION TECHNIQUE, AND IS ACCREDITED TO ISO/IEC 17025. OHM-LABS' QUALITY CONTROL SYSTEM MEETS THE REQUIREMENTS OF ANSI/NC SL Z540-1-1994. THE REPORTED UNCERTAINTIES REPRESENT EXPANDED UNCERTAINTIES EXPRESSED AT A CONFIDENCE LEVEL OF APPROXIMATELY 95 %, USING A COVERAGE FACTOR OF K=2. 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 DOCUMENT CERTIFIES THAT THE ITEMS IDENTIFIED HEREIN COMPLY WITH ALL REQUIREMENTS OF THE ABOVE PURCHASE ORDER, AND THAT THE CALIBRATION PERFORMED WAS IN ACCORDANCE WITH THE CURRENT REVISION LEVEL OF OHM-LABS' QUALITY CONTROL SYSTEM. TRAINED AND QUALIFIED PERSONNEL PERFORMED THE CALIBRATIONS IN ACCORDANCE WITH THE REQUIREMENTS OF ISO/IEC 17025. THIS CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT WRITTEN PERMISSION BY OHM-LABS, INC.

PERFORMED BY _____

REVIEWED BY: _____

