



CALIBRATION REPORT
ORDER No.

MAY 3, 2013
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MANUFACTURER: OHM-LABS, INC.
DESCRIPTION: CURRENT SHUNT
MODEL: CS-300
SERIAL:

PROCEDURE: CS CAL
LAB ENVIRONMENT: 23 °C / 43 %RH
CALIBRATION DATE: 03/MAY/2013
CALIBRATION DUE:

<u>APPLIED CURRENT</u>	<u>MEASURED VALUE</u>	<u>UNCERTAINTY</u>
75 A	0.099 972 7 mΩ	26.2 μΩ/Ω
150	0.099 983 2	33.3
225	0.099 997 0	36.8
300	0.100 011 7	12.1

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

<u>STANDARDS USED</u>			
<u>ID</u>	<u>Description</u>	<u>Make & Model</u>	<u>Cal Due</u>
AS3195	RESISTANCE STANDARD	OHM-LABS 2001	14/AUG/2014
AS3400	RESISTANCE BRIDGE	GUILDLINE 9975	11/FEB/2014

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. THE REPORTED UNCERTAINTIES INCLUDE THE STANDARD DEVIATION OF MULTIPLE MEASUREMENTS PERFORMED ON SEPARATE DAYS. 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. UNLESS OTHERWISE NOTED, THE REPORTED MEASUREMENTS ARE CONSIDERED AS FOUND/AS LEFT. THIS CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT WRITTEN PERMISSION BY OHM-LABS, INC.

PERFORMED BY

REVIEWED BY:

