



CALIBRATION REPORT #

PO #
 October 20, 2009
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MANUFACTURER:	OHM-LABS, INC.	PROCEDURE:	HV CAL
DESCRIPTION:	HIGH VOLTAGE DIVIDER	LAB ENVIRONMENT:	22 °C / 34 %RH
MODEL:	HVA-100	CALIBRATION DATE:	20/OCT/2009
SERIAL:		CALIBRATION DUE:	

MEASUREMENT DATA

Applied kV	1 V Output	10 V Output
25	100,003.700 : 1	10,000.171 : 1
50	100,004.767 : 1	10,000.311 : 1
75	100,003.166 : 1	10,000.494 : 1
100	100,002.566 : 1	10,000.141 : 1
Limits	99,990 – 100,010	9999.0 – 10,001.0
Uncertainty	0.007 % of ratio	0.006 % of ratio

STANDARDS USED

ID	Description	Make & Model	Cal Due
AS3700 & AS3701	HIGH VOLTAGE BRIDGE	OHM-LABS, INC. HV-S	07/AUG/2010

COMMENTS:

The above ratios were measured after approximately fifteen minutes at the applied voltage. Our bridge does not significantly load the output; a correction should be applied when using a meter.

Ohm-Labs, Inc. certifies that this voltage divider 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.

Performed by: _____

Reviewed by: _____

