



Customer Name
 Address
 City State ZIP
 Attn: Quality Control

MANUFACTURER: OHM-LABS
 DESCRIPTION: RESISTANCE STANDARD
 MODEL: 200
 SERIAL: SAMPLE
 PROCEDURE: RS CAL
 LAB ENVIRONMENT: 23 °C / 42 %RH
 CALIBRATION DATE:
 CALIBRATION DUE:

MEASURED VALUE AT 100 MA

0.999 998 2 OHMS

UNCERTAINTY

0.8 $\mu\Omega$ / Ω

ID	Description	STANDARDS USED	
		Make & Model	Cal Due
AS3001	RESISTANCE STANDARD	OHM-LABS 200	[DUE DATE]
AS3302	THERMOMETER	ASL F26	[DUE DATE]
AS3400	RESISTANCE BRIDGE	GUILDLINE 9975	[DUE DATE]

COMMENTS:

Ohm-Labs, Inc. certifies that this resistance 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.

Performed by: _____
 [Technician]

Approved by: _____
 [Technical Manager]





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TEMPERATURE COEFFICIENTS OF RESISTANCE, REFERENCED TO 25.0 °C
 α (ALPHA) = -2.00 E-09 β (BETA) = -7.60 E-09

TABLE OF CORRECTIONS IN PPM FROM MEASURED VALUE AT 25.0 °C

Temp	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
18	-0.36	-0.35	-0.34	-0.33	-0.32	-0.31	-0.30	-0.29	-0.28	-0.27
19	-0.26	-0.25	-0.24	-0.24	-0.23	-0.22	-0.21	-0.20	-0.20	-0.19
20	-0.18	-0.17	-0.17	-0.16	-0.15	-0.14	-0.14	-0.13	-0.13	-0.12
21	-0.11	-0.11	-0.10	-0.10	-0.09	-0.09	-0.08	-0.08	-0.07	-0.07
22	-0.06	-0.06	-0.05	-0.05	-0.05	-0.04	-0.04	-0.04	-0.03	-0.03
23	-0.03	-0.02	-0.02	-0.02	-0.02	-0.01	-0.01	-0.01	-0.01	-0.01
24	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01
26	-0.01	-0.01	-0.01	-0.02	-0.02	-0.02	-0.02	-0.03	-0.03	-0.03
27	-0.03	-0.04	-0.04	-0.04	-0.05	-0.05	-0.06	-0.06	-0.07	-0.07
28	-0.07	-0.08	-0.08	-0.09	-0.09	-0.10	-0.11	-0.11	-0.12	-0.12
29	-0.13	-0.14	-0.14	-0.15	-0.16	-0.16	-0.17	-0.18	-0.18	-0.19

GRAPH OF TEMPERATURE CURVE

