

**United States Department of Commerce
National Institute of Standards and Technology**

~ **Certificate of Measurement Traceability** ~
for

California

**a participant in the NIST Weights and Measures
Measurement Assurance Program for the Year(s)**

2007-2008

**The State standards are traceable to NIST and the laboratory
has demonstrated* measurement proficiency through training
and interlaboratory comparisons.**



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for the National Institute of Standards and Technology

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Title

January 1, 2008
Updated Effective Date



***Demonstrated
Areas of Proficiency**

Mass

Echelon II
2 kg - 1 mg
Echelon III
2500 lb - 0.0011b
8 oz - 0.03125 oz
30 kg - 1 mg

Volume

Gravimetric, I
5 gal - 1 gill
20 L - 100 mL
Volume transfer, II
1000 gal - 1 gill
20 L - 100 mL

Length

Steel tapes, tape to tape
100 ft - 0 ft

Temperature

III 48.89 °C - 0 °C
III 120 °F - 32 °F

Time

Stopwatches
3 hr