

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

***Demonstrated
Areas of Proficiency**

Mass

Echelon II
10 kg - 1 mg
Echelon III
25 kg - 1 mg
5000 lb - 0.001 lb
4 oz - 0.03125 oz

Volume

Volume transfer, II
3 L - 10 mL
100 gal - 1 pt

Length

Steel tapes 90 m - 0.1 m
300 ft - 1 ft
Rigid rules 18 in - 1 in

Frequency

Tuning forks \leq 100 mph

Stopwatches

Grain Moisture

\leq 25 %

~ **Certificate of Measurement Traceability** ~
for

Colorado

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

2009 - 2010

The State standards are traceable to NIST and the laboratory has demonstrated* measurement proficiency through training and interlaboratory comparisons compliant to NIST HB 143:2007 (ISO/IEC 17025:2005).



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Title

January 1, 2009 to December 31, 2010

Effective Date

