



# SOUTHWEST RESEARCH INSTITUTE®

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Institute Quality Systems  
Institute Calibration Laboratory  
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Calibration Laboratory  
Certificate #0972-01

## Certificate of Calibration

**Cost Center:** DIV20

**Mail Stop:** B51

**Customer:** DON BANNON

**Manufacturer/Model:** TROEMNER / 200G

**Description:** WEIGHT, CLASS 1

**Serial Number:** 63813

**Asset Number:** 004199

**Procedure:** WEIGHTS - 10 DEC 07

**Work Order:** 303083917

**Date Issued:** 17-Oct-2008

**Date Calibrated:** 17-Oct-2008

**\*Date Due :** 17-Oct-09

**\*\*Results:** FOUND-LEFT

**Temperature:** 68°F

**Humidity:** 42 %

This certificate documents traceability to the National Institute of Standards and Technology (NIST) and the International System of Units (SI). The Laboratory quality system conforms to ISO/IEC 17025, 2005, ANSI/NCSL Z540-1-1994 and relevant requirements of the ISO 9000-2000 standard. This certificate shall not be reproduced, except in full, without the written approval of the Southwest Research Institute Calibration Laboratory. This certificate shall not be used to claim product endorsement by Southwest Research Institute, American Association for Laboratory Accreditation (A2LA) or any agency of the U. S. Government. Results of this calibration relate only to the instrument described above at the time of calibration and does not imply any long term stability of the instrument.

\*Determined by the customer, does not imply the instrument will remain within tolerance as any number of factors may cause an out-of-tolerance condition before this date. \*\*Found/Left = adjustment and/or repair was not required, As Left = adjusted and/or repaired was required. The customer has sole responsibility for determination of in-/out-of-tolerance or compliance/noncompliance. See Remarks or attached Measurement Report with the same Work Order number for data.

Reported uncertainty calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement" (GUM) and represents an expanded uncertainty with a coverage factor of  $k=2$  to approximate a 95% confidence level.

**Remarks** THE CONVENTIONAL MASS VALUE OF THE 200G WGT IS: 200.000 15g UNC +/-0.053mg. CLASS 1 TOL +/-0.5mg.

### Standards Used

<u>Asset #</u>	<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>	<u>Cal Date</u>	<u>Due Date</u>
007103	TROEMNER	200G	WEIGHT, CLASS E1	29-Aug-2008	29-Aug-2009
012068	SARTORIUS	CC310	MASS COMPARATOR	29-Jul-2008	29-Jan-2009

Reviewed By: Scott Kist ( ) srk ( ) mar ( ) wgh

Laboratory Quality Manager

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Calibrated By: Mark Anthony Romero

Metrology Technician