The American Association for Laboratory Accreditation

World Class Accreditation

Accredited Laboratory

A2LA has accredited

ACCUTEK LABORATORIES

San Diego, CA

for technical competence in the field of

Calibration

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*. This laboratory also meets the requirements of ANSI/NCSL Z540-1-1994 and any additional program requirements in the field of calibration. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009*).

Presented this 1st day of October 2009.

President & CEO
For the Accreditation Council
Certificate Number 2902.01
Valid to November 30, 2011

For the calibrations to which this accreditation applies, please refer to the laboratory's Calibration Scope of Accreditation.

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005
& ANSI/NCSL Z540-1-1994

ACCUTEK LABORATORIES
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CALIBRATION

Valid To: November 30, 2011 Certificate Number: 2902.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations[1]:

I. Fluid

Parameter/Equipment	Range	CMC[2, 3] (±)	Comments
Volume	(0.2 to 2) µL (5 to 10) µL 20 µL	0.009 0.013 0.026	UMT-2
	10 µL 50 µL 100 µL 200 µL 500 µL 1000 µL 2000 µL 2500 µL 10 000 µL 20 000 µL	0.07 0.05 0.20 0.20 0.44 0.65 2.8 2.5 3.9 8.0	AT-261

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[1] This laboratory offers commercial calibration service and field calibration service.

[2] Calibration and Measurement Capability (CMC) is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards or nearly ideal measuring equipment. Calibration and Measurement Capabilities represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of $k = 2$. The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.

[3] UMT-2 refers to Mettler Toledo balance model UMT-2 and, likewise, AT-261. The technique involves gravimetric pipetting of laboratory grade water (reference material) obtained from approved preferred vendor, Fisher Scientific.