



**ARIZONA INSTRUMENT LLC**  
800.528.7411 | (f) 602.281.1745 | [www.azic.com](http://www.azic.com)  
Exclusive Manufacturer of Computrac<sup>®</sup> Moisture Analyzers  
and Jerome<sup>®</sup> Mercury & Hydrogen Sulfide Analyzers

### *Certification of Instrument Calibration*

Able Instruments  
Cutbush Park Danehill  
Reading, RG6 4UT

This is to certify that the Jerome **J405-0007** Gold Film Mercury Analyzer, Serial Number **40500701**, with Sensor Number **11-6-2-Y2C**, was calibrated with standard units traceable to NIST.

Calibration Status as Received: **Out of Calibration**

		Actual	Calibration Gas	Allowable Range
Incoming:	Level 1	21.81 ug/m3 Hg	25.00 ug/m3 Hg	23.25 - 26.75 ug/m3 Hg
Outgoing:	Level 1	24.76 ug/m3 Hg	25.00 ug/m3 Hg	23.75 - 26.25 ug/m3 Hg
	RSD %	0.48		<3%

Calibration Status as Left: **In Calibration**

Estimated Uncertainty of Calibration System: 3.5%

Calibration Date: 18-Sep-2013      Recalibration Date: 17-Sep-2014

Temperature °F: 72.30      % Relative Humidity: 35.80

Approved By: \_\_\_\_\_

Date Approved: 24-Sep-2013

Title: Steve Sowinski - Quality Control

Equipment Used:

**Permeation Tube:** 498-25917 NIST#: D3609-96

**Calibration Date:** 21-Jan-2013 **Calibration Date Due:** 21-Jan-2014

**DynaCalibrator:** M-1882 NIST#: 13-2317

**Calibration Date:** 09-May-2013 **Calibration Date Due:** 10-May-2014

**Digital Multimeter:** 17680239 NIST#: 7000660

**Calibration Date:** 15-Nov-2012 **Calibration Date Due:** 15-Nov-2013

**Flowmeter:** 01229 NIST#: 13041501229 000

**Calibration Date:** 15-Apr-2013 **Calibration Date Due:** 15-Apr-2014

Calibration Procedure Used: 730-0123

Arizona Instrument certifies that the above listed instrument meets or exceeds all published specifications and has been calibrated using standards whose accuracy are traceable to the NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY within the limitations of the Institute's calibration services, or have been derived from accepted values of natural physical constraints, or have been derived by the ratio type of self-calibration techniques.

Disclaimer: Any unauthorized adjustments, removal or breaking of QC seals, or other customer modifications on your Jerome Analyzer WILL VOID this factory calibration. Because any of the above acts could affect the calibration and readings of the instrument, their certification will no longer be valid and, further, Arizona Instrument LLC WILL NOT be responsible for any liabilities created as a result of using the instrument after such adjustments, seal removal, or modifications. As long as a functional test is within range, according to the procedure outlined in the Operator's Manual, the instrument is performing correctly.