



Nationwide Gage Calibration Inc.

# Certificate of Calibration

**ISO 17025  
Compliant**

## Standard Certificate

Sample Company  
1234 Sample Drive  
Bloomington, IL 60108

Date Calibrated: 8/25/2008  
Date Due: 8/25/2009

Purchase Order # 123456789

Test # 08-54321-1

Instrument: Mitutoyo 0-1" Micrometer  
Serial # 45789421456  
Accuracy: Manufacturer's Specifications

Model # 293-369  
Gage ID # Mic1047

### Calibration Results

Test Point	Function/Direction	Tolerance	As Found	Deviation	As Left	Deviation
0.1000	Lead Screw	±.00005"	0.100000	0.000000	0.100000	0.000000
0.3000	Lead Screw	±.00005"	0.300000	0.000000	0.300000	0.000000
0.5000	Lead Screw	±.00005"	0.500000	0.000000	0.500000	0.000000
0.8000	Lead Screw	±.00005"	0.800000	0.000000	0.800000	0.000000
1.0000	Lead Screw	±.00005"	0.999950	-0.000050	0.999950	-0.000050
0.0000	Anvil Flatness/Spindle	±.000012"	0.000012	0.000012	0.000012	0.000012
0.0000	Anvil Flatness/Stationary	±.000012"	0.000012	0.000012	0.000012	0.000012

Results in **Bold** = Out of Tolerance

Calibration Environmental Conditions: 68 degrees F. (±3°) 45% R.H. (±10%)

Technical Remarks: Anvils are Scratched .

We hereby certify that this instrument has been tested with standards & equipment calibrated with traceability to the National Institute of Standards & Technology (N.I.S.T.). The determination of accuracy (observational & mechanical error) is dependent upon the condition of the instrument being calibrated. The results are only applicable for the date of calibration noted. This instrument was calibrated in accordance with customer supplied requirements, NGC's calibration procedure CAL-11-STD-CAL-020, and manufacturer's specifications maybe used as reference if applicable. All calibrated instruments are processed under the NGC Quality Management System. This certificate shall not be reproduced without the written consent of Nationwide Gage Calibration Inc.

### Calibration Standards

Gage ID #	Standard	Traceability #	Date Calibrated	Date Due
A1	Gage Block set	06-A1	1/2/2008	1/2/2009
Q3	Optical Flat	71631693	4/4/2008	4/4/2009

Technician: \_\_\_\_\_  
Technician

Approved By: \_\_\_\_\_  
Lab Director

159 Covington Drive Bloomington, IL 60108 630-529-4959 (phone) 630-529-9087 (fax) www.natcal.com