



17922 Sky Park Circle Suite "P"
 Irvine, CA 92614
 Phone:(949) 724-9474 Fax: (949) 724-9472

Certificate of Calibration

Customer:
 AAATest Company
 Two Test Drive
 Test City, CA 99923
Contact: Alania Poom
Phone#: (949) 724-9474

Service Record #: SR-AA617228
Issue Date: 05/15/2024
Technician: Lyle McIlwain
Job No: J-AA66547
Customer PO #: 123
Calibration Date: 05/15/2024
Next Cal Due: 05/15/2025

| | | | | |
|---------------------------------|---|-------------------------------------|-----------------------------|----------------------------------|
| Device Under Test | Manufacturer: Mitutoyo | Model: H-278 | Serial #: B022563 | |
| | Description: Digital Micrometer, 0-1" | | ID #: 112365 | |
| Device Conditions | As Received: Out of Tolerance | As Returned: In Tolerance | Adjusted?: Yes | Limited Use?: No |
| Environmental Conditions | Field Calibration?: Yes | | Temperature: 22°C | Relative Humidity: 43% |
| Comments: None. | | | | |
| Facility: | | Area: None | Position: Test | |
| Tolerance: +/- 0.001" | | | | |

Sample Data Points

| Description | Nominal | As Found | As Left |
|-------------|-----------|-------------|-----------|
| | 0.1000 in | 0.1020 in * | 0.1000 in |
| | 0.5000 in | 0.5020 in * | 0.5000 in |
| | 1.0000 in | 1.0020 in * | 1.000 in |

* Denotes out of tolerance measurement data.

Standard Used

| Manufacturer | Model | Description | Next Cal Due | Traceable # |
|--------------|------------|---|--------------|-------------|
| Fowler | 53-684-038 | Gage Block Set, Ceramic, Grade 0, 36 Piece | 11/10/2024 | T-0377 |

Procedure Used: G-0002 Physical Dimensional



Test/Calibration data, if applicable, is available upon request (fee required)

usCalibration has been audited and found in compliance with ANSI/NCSL Z540-1-1994 and ISO/IEC 17025:2017.

This calibration is traceable to the international system of units (SI), through a National Metrology Institute, such as NIST.

No allowances have been made for the instability of the test device due to use, time, etc.: such allowances would be made by the customer as needed.

The test uncertainty ratio (TUR) for this calibration is no less than 4:1, unless otherwise specified.

There are no special limitations of use imposed on the calibrated item, unless specified.

This report applies only to the item described and shall not be reproduced except in full, without the written approval of usCalibration.



5/15/24

Lyle McIlwain, Technician

Date

