



1600 E. Murdock Wichita, KS 67214
Phone: (866) 384-3010

O.D. Micrometer
Calibration Report for:

Sonaca North America
2853 S Hillside
Wichita, KS 67216

Calibration #:	180614.12.27192
Calibration Date:	06/14/2018
Expiration Date:	06/14/2019
Temperature:	19.8 °C
Humidity:	88.00% RH

Asset ID #:	1453841506
Asset Type:	O.D. Micrometer
Manufacturer:	SHARS
Model #:	3-4" Mic
Serial #:	091206953

Desired Indication (IN)	Permissible Error (IN)	"As Found" Reading (1) (IN)	"As Found" CL 95% (IN)	"As Left" Reading (2) (IN)	"As Left" CL 95% (IN)	Low Limit (IN)	High Limit (IN)
3.000	.0002	3.0000	6.27E-5	3.0000	6.27E-5	2.9998	3.0002
3.125	.0002	3.1250	6.32E-5	3.1250	6.32E-5	3.1248	3.1252
3.250	.0002	3.2500	6.36E-5	3.2500	6.36E-5	3.2498	3.2502
3.500	.0002	3.5000	6.46E-5	3.5000	6.46E-5	3.4998	3.5002
3.750	.0002	3.7500	6.56E-5	3.7500	6.56E-5	3.7498	3.7502
4.000	.0002	4.0000	6.66E-5	4.0000	6.66E-5	3.9998	4.0002

Test	Desired Indication (IN)	Permissible Error (IN)	"As Found" Reading (1) (IN)	"As Found" CL 95% (IN)	"As Left" Reading (2) (IN)	"As Left" CL 95% (IN)	Low Limit (IN)	High Limit (IN)
Parallelism	0.000	.0002	.0000	5.10E-5	.0000	5.10E-5	-0.0002	0.0002
Lead Error	0.000	.0002	.0000	5.10E-5	.0000	5.10E-5	-0.0002	0.0002

Remarks:

- (1) "As Found" Data: IN TOLERANCE
Test Instrument was found within applicable tolerance levels.
- (2) "As Left" Data: IN TOLERANCE
Test Instrument was left within applicable tolerance levels.

Technician Comments:

Brennan Walter, Calibration Technician

Notes:

- A. This accredited organization maintains both A2LA accreditation to ISO/IEC 17025 and ANSI/NCSL Z540-1-1994 for the specific tests/calibrations listed in A2LA Certificate #3040.01, and ISO 6789.
- B. Environmental conditions were held within Alltite's standards of 60 to 88 degrees Fahrenheit and below 90% relative humidity.
- C. Procedures for this calibration method are outlined in CP-056-19.
- D. All standards and associated equipment used to calibrate this instrument have been calibrated and are traceable to A2LA accreditation and the National Institute of Standards and Technology (NIST).
- E. Customer acknowledges and agrees that Alltite's standard sales terms and conditions are incorporated herein by reference and made a part of this calibration report.
- F. This document relates only to the test instrument listed on this certificate and cannot be reproduced, except in full, without written approval of Alltite.
- G. This calibration document is followed by a Calibration Schedule page.
- H. The uncertainty(s) listed represent an expanded uncertainty expressed using a coverage factor of k=2, such that the confidence level (CL) approximates 95%. CL 95% = Unaccred. or * means the measurement falls outside our accredited scope and therefore no measure of uncertainty has been determined.



Calibration Trailer Calibration Laboratory: Certification Schedule

Capacity	Item	Model #	Serial #	Traceability/Report #	Date Due Cal
Rectangular, Steel	Starrett Gage Block Set	81 PCS	9944	02339-57996	06/01/2019
14/140 Deg F 10/99% RH	Extech Temp/Humid	445703	MC411-04	00232295-08RHMk	05/24/2019