



1600 E. Murdock Wichita, KS 67214

Phone: (866) 384-3010



CERTIFICATE  
#3040.01

## O.D. Micrometer

Calibration Report for:

**Sonaca North America**

2853 S Hillside  
Wichita, KS 67216

Calibration #:	170627.12.42723
Calibration Date:	06/27/2017
Expiration Date:	12/24/2017
Temperature:	22.6 °C
Humidity:	67.00% 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	3.5001	6.46E-5	3.5001	6.46E-5	3.4998	3.5002
3.750	.0002	3.7501	6.56E-5	3.7501	6.56E-5	3.7498	3.7502
4.000	.0002	4.0001	6.66E-5	4.0001	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)
<b>Parallelism</b>	0.000	.0002	.0001	5.10E-5	.0001	5.10E-5	-0.0002	0.0002
<b>Lead Error</b>	0.000	.0002	.0001	5.10E-5	.0001	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	17-36542-C	05/23/2018
Temp/Humid	Extech	445703	MC411-05	201922 Extended 3 months	09/07/2017