



CERTIFICATE OF CALIBRATION
 MICROMETER, OD

Control # 1000442673
 Cal Date 06/21/2011
 Company QUAL-TECH LABS
 EXTON, PA
 Size/model 0-25 X 0.01 mm
 Department MECHANICAL LAB

PO # 07/08
 Next Cal 06/30/2012
 Serial MIC1-011
 Manufact TESA
 Location CABINET

CALIBRATION STD(s)	DATE DUE :	NIST # :
GAB1-031 GAGE BLOCK SET	03/31/2012	436483
MBS1-028 MICROMETER BALL STANDARD	01/31/2012	432211

FUNCTION	NOMINAL	AS RECEIVED	FINAL	TOLERANCE
ANVIL PARALLELISM 1	0.000	0.000	0.000	-0.005 - 0.005
OD 0.00 MM	0.00	0.00	0.00	-0.02 - 0.02
OD 6.25 MM	6.25	6.25	6.25	6.23 - 6.27
OD 12.50 MM	12.50	12.50	12.50	12.48 - 12.52
OD 18.75 MM	18.75	18.75	18.75	18.73 - 18.77
OD 25.00 MM	25.00	25.00	25.00	24.48 - 25.02

Note: Calibration results may drift from documented values due to various factors prior to the calibration due date. Results obtained apply to the UUT only and are reflective of condition at time of test.

[X] RECEIVED IN TOLERANCE : ACCEPTED

CALIBRATED BY R. Hoffman
 TECHNICIAN

QTL is an ISO 17025 company. Calibrations are performed in accordance with ISO 17025, ANSI Z540-1, or client requirements. Standards used are traceable to NIST. Expanded uncertainties are calculated using methods described in (GUM)utilizing a coverage factor of k=2 (95% CL) and kept on file. This certificate shall not be reproduced, except in full, without written permission from Qual Tech Labs, Inc.

PROCEDURE #: CP-0019, rev3

Certificate: CFORM002 Temp: 67 °F Humidity: 46% Technician: RWH Issue Date: 09/07/2011

END OF REPORT