

**CERTIFICATE OF
 CALIBRATION**



Certificate No. ACT-1272

<p>CERTIFICATION NUMBER CP209-57090-840</p> <p>FOR Sample Manufacturing 3121 Medalist Drive Oshkosh, WI 54902</p> <p>TEST INSTRUMENT Hardness Tester Microhardness</p> <p>MAKE ATS, Inc.</p> <p>MODEL DMH-2</p> <p>RANGE Knoop</p> <p>CUSTOMER LOCATION Location1 Location2</p> <p>CONDITION RECEIVED In Tolerance</p> <p>CONDITION RETURNED In Tolerance</p> <p>CALIBRATED BY Alex Paulsen</p> <p>REVIEWED/ISSUED D.P. 07/29/2025</p> <p>CALIBRATION LOCATION FVM</p> <p>ENVIRONMENT 75.7°F, 46.1%RH, 29.24inHg</p> <p>CALIBRATION DATE 07/28/2025</p> <p>RECALIBRATION DUE 07/28/2026</p>	<p>IDENTIFICATION MC-002D-1</p> <p>SERIAL NUMBER </p> <p>PURCHASE ORDER #</p> <p>PROCEDURES FOLLOWED MC-002D rev. 1</p> <p>STANDARDS USED</p> <table border="1"> <thead> <tr> <th>INSTRUMENT</th> <th>SERIAL NUMBER</th> <th>TRACE NUMBER</th> <th>NEXT CAL</th> </tr> </thead> <tbody> <tr> <td>FVS-013C</td> <td>As Listed</td> <td>CP129-29206-724</td> <td>05/31/2030</td> </tr> </tbody> </table>	INSTRUMENT	SERIAL NUMBER	TRACE NUMBER	NEXT CAL	FVS-013C	As Listed	CP129-29206-724	05/31/2030
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FVS-013C	As Listed	CP129-29206-724	05/31/2030						

CALIBRATION RESULTS

* DENOTES "OUT OF TOLERANCE"

FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
Hardness	(HK)	(HK)	(HK)	(HK)	(HK)	(HK)
Low						
Knoop	434.6	417.2	452.0	434.6	434.6	6.0E-2
S/N: 124086	434.6	417.2	452.0	434.6	434.6	6.0E-2
Load: 500g	434.6	417.2	452.0	434.6	434.6	6.0E-2
Magnif: 500	434.6	417.2	452.0	434.6	434.6	6.0E-2
Average	434.6	417.2	452.0	434.6	434.6	6.0E-2

COMMENTS

Example certificate, actual results and uncertainties will be reported at the time of calibration.
 Nominal and limits may vary based on actual make/model.

- This certificate shall not be altered in any form or reproduced, except in full, without prior written approval from originating lab. These results relate only to the item(s) calibrated. Form Revision 10: 06/04/2024
- Total expanded measurement uncertainties expressed are based on a confidence level of 95%; coverage factor of (k=2). The statement of compliance in this certificate was issued without taking the uncertainty of measurement into consideration. The customer shall assess the results and uncertainty when determining if the results meet their needs. (This is considered "shared responsibility.") Uncertainties expressed in nominal units.
- The calibrations within the certificate/report are traceable through NIST or another National Metrology Institute to the International System of Units (SI). Calibration was completed in accordance with ISO/IEC 17025:2017, ANSI/NCSL Z540-1-1994 and ANSI/NCSL Z540.3-2006. Other standards listed upon request.