

**CERTIFICATE OF
 CALIBRATION**



Certificate No. ACT-1272

CERTIFICATION NUMBER CP134-00340-840 FOR Sample Manufacturing 3121 Medalist Drive Oshkosh, WI 54902 TEST INSTRUMENT Moisture Balance Analyzer MAKE Sartorius MODEL MA35M CUSTOMER LOCATION Location1 Location2 CONDITION RECEIVED In Tolerance CONDITION RETURNED In Tolerance CALIBRATED BY Alex Paulsen REVIEWED/ISSUED D.P. 07/29/2025 CALIBRATION LOCATION FVM ENVIRONMENT 69.0°F, 31.0%RH, 28.92inHg CALIBRATION DATE 05/14/2025 RECALIBRATION DUE 05/14/2026	IDENTIFICATION MC-009C SERIAL NUMBER 340 PURCHASE ORDER # PROCEDURES FOLLOWED MC-009C rev. 2 STANDARDS USED <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-019V</td> <td>N/A</td> <td>C0290-28623-524</td> <td>10/31/2026</td> </tr> <tr> <td>FVS-741A</td> <td>44918715185254MV</td> <td>CP160-47143-746</td> <td>09/30/2025</td> </tr> <tr> <td>FVS-981D</td> <td>SYSIC47700606</td> <td>C0211-19863-690</td> <td>07/31/2025</td> </tr> </tbody> </table>	INSTRUMENT	SERIAL NUMBER	TRACE NUMBER	NEXT CAL	FVS-019V	N/A	C0290-28623-524	10/31/2026	FVS-741A	44918715185254MV	CP160-47143-746	09/30/2025	FVS-981D	SYSIC47700606	C0211-19863-690	07/31/2025
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CALIBRATION RESULTS

* DENOTES "OUT OF TOLERANCE"

FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
Temperature	(°C) 130.0	(°C) 129.0	(°C) 131.0	(°C) 130.0	(°C) 130.0	(°C) 3.1E-1
Weight	(g) 2.0000 5.0000 20.0000 30.0000	(g) 1.9990 4.9990 19.9990 29.9990	(g) 2.0010 5.0010 20.0010 30.0010	(g) 2.0000 5.0000 20.0000 30.0000	(g) 2.0000 5.0000 20.0000 30.0000	(g) 6.0E-5 6.0E-5 7.4E-5 1.1E-4

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.