

**CERTIFICATE OF
 CALIBRATION**



Certificate No. ACT-1272

CERTIFICATION NUMBER	CP143-41999-840	IDENTIFICATION	EL-048A
FOR	Sample Manufacturing 3121 Medalist Drive Oshkosh, WI 54902	SERIAL NUMBER	4
TEST INSTRUMENT	Accelerometers	PURCHASE ORDER #	
MAKE	ACES	PROCEDURES FOLLOWED	EL-048A rev. 1
MODEL	991V		
CUSTOMER LOCATION	Location1 Location2	STANDARDS USED	
CONDITION RECEIVED	In Tolerance	INSTRUMENT	SERIAL NUMBER
CONDITION RETURNED	In Tolerance	AG1-010	DS1ZA181104521
CALIBRATED BY	Brian L Gliszinski	TRACE NUMBER	C0291-56414-833
REVIEWED/ISSUED	D.P. 07/29/2025	NEXT CAL	10/31/2025
CALIBRATION LOCATION	FVM		
ENVIRONMENT	70.5°F, 31.0%RH, 28.72inHg		
CALIBRATION DATE	05/23/2025		
RECALIBRATION DUE	05/23/2026		



CALIBRATION RESULTS

* DENOTES "OUT OF TOLERANCE"

FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
Reference Sensitivity @ 100 Hertz				(mV/m/s ²) 10.082	(mV/m/s ²) 10.082	
DC Bias				(V) 10.953	(V) 10.953	
Frequency Response	(%)	(%)	(%)	(%)	(%)	(%)
5 Hz	0	-5	5	0	0	9.10E-01
10 Hz	0	-5	5	0	0	9.10E-01
30 Hz	0	-5	5	0	0	9.10E-01
50 Hz	0	-5	5	0	0	9.10E-01
100 Hz	0	-5	5	0	0	9.10E-01
300 Hz	0	-5	5	0	0	9.10E-01
500 Hz	0	-5	5	0	0	9.10E-01
1000 Hz	0	-5	5	0	0	9.10E-01
2000 Hz	0	-5	5	0	0	1.00E+00
3000 Hz	0	-5	5	0	0	1.00E+00
4000 Hz	0	-5	5	0	0	1.00E+00
7000 Hz	0	-5	5	0	0	1.70E+00
8000 Hz	0	-5	5	0	0	1.70E+00
9000 Hz	0	-5	5	0	0	1.70E+00
10000 Hz	0	-5	5	0	0	1.70E+00
12000 Hz	0	-10	10	0	0	1.70E+00
15000 Hz	0	-10	10	0	0	1.70E+00

Reviewed

COMMENTS

Fox Valley Metrology

3114 Medalist Drive

Oshkosh, WI 54902

(920) 426-5894 • Fax (920) 426-8120

<https://www.FoxValleyMetrology.com>

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

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- 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.
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