



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## Certificate of Accreditation

*Perry Johnson Laboratory Accreditation, Inc. has assessed the Organization of:*

***Experior Laboratories, LLC***  
*1635 Ives Avenue, Oxnard, CA 93033*

*and hereby declares that the Organization is accredited in accordance with  
the recognized International Standard:*

**ISO/IEC 17025:2017**

Whereby, technical competence has been confirmed for the associated scope supplement, in the fields of:

***Mechanical and Optical Calibration***  
*(As detailed in the supplement)*

Accreditation claims for conformity assessment activities shall only be made from the addresses referenced within this certificate and shall apply solely to those activities identified in the related scope. This Accreditation is granted subject to the Accreditation Body rules governing the Accreditation referred to above, and the Organization hereby commits to observing and complying with those rules in their entirety.

For PJLA:

*Initial Accreditation Date:*

*Issue Date:*

*Expiration Date:*

June 12, 2005

March 02, 2026

April 30, 2028

*Accreditation No.:*

*Certificate No.:*

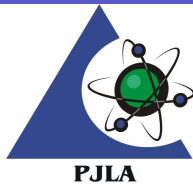
59356

L26-173

Tracy Szerszen  
President

*The validity of this certificate is maintained through ongoing assessments based  
on a continuous accreditation cycle. The validity of this certificate should be  
confirmed through the PJLA website: [www.pjlab.com](http://www.pjlab.com)*

Perry Johnson Laboratory  
Accreditation, Inc. (PJLA)  
755 W. Big Beaver, Suite 1325  
Troy, Michigan 48084



# Certificate of Accreditation: Supplement

## Experior Laboratories, LLC

1635 Ives Avenue, Oxnard, CA 93033

Contact Name: Ryan Laudato Phone: 805-483-3400

*Accreditation is granted to the facility to perform the following conformity assessment activities:*

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY ( $\pm$ ) <sup>1</sup>	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Optical	Optical Attenuator (Attenuation)	0.1 dB to 70 dB	0.017 dB	Agilent 81624A Optical Power Head	EPWI-1000	F1, F3	F
Optical	Optical Power Meter (Power) (450 nm to 800 nm)	0.1 nW to 10 mW	4.14 % of reading	Agilent 81624A Optical Power Head	EPWI-1006 EPWI-1166	F1, F3	F
Optical	Optical Power Meter (Power) (800 nm to 1 650 nm)	100 nW to 50 mW	16.13 % of reading	Agilent 81624A Optical Power Head	EPWI-1006 EPWI-1166	F1, F3	F
Optical	Optical Power Meter (Linearity) (800 nm to 1 650 nm)	0.1 dB to 70 dB	0.019 dB	Superposition ratio method from IEC-61315	EPWI-1006 EPWI-1166	F1, F3	F
Optical	Equipment to Measure Loss Test Set (Loss)	0.1 dB to 70 dB	0.017 dB	Agilent 81624A Optical Power Head, Agilent 81610A Return Loss	EPWI-1097	F1, F3	F
Optical	Equipment to Measure Return Loss	14 dB to 70 dB	0.25 dB	Agilent 81624A Optical Power Head, Agilent 81610A Return Loss	EPWI-1097	F1, F3	F
Optical	Equipment to Measure Optical Source (Power)	0.1 nW to 10 mW	4.14% of reading	Agilent 81624A Optical Power Head, Agilent 86142B Optical Spectrum Analyzer	EPWI-1037	F1, F3	F
Optical	Equipment to Measure Wavelength	600 nm to 1 700 nm	1 nm	Agilent 81624A Optical Power Head, Agilent 86142B Optical Spectrum Analyzer	EPWI-1037	F1, F3	F
Optical	Equipment to Measure Spectral Bandwidth	0.132 nm to 1 100 nm	0.044 nm	Agilent 81624A Optical Power Head, Agilent 86142B Optical Spectrum Analyzer	EPWI-1037	F1, F3	F
Optical	Wavelength Meter (Wavelength)	1 510 nm to 1 540 nm	0.9 pm	NIST SRM 2517 Acetylene Absorption Cell	EPWI-1030	F1, F3	F



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Mechanical	Accelerometer (Vibration Sensitivity / Frequency Response)	5 Hz to 9 Hz	1.7 % of Reading	Reference Accelerometer with electrodynamic shaker using back-to-back comparison method The Modal Shop 9155D Accelerometer Calibration Workstation	EPWI-1258	F1, F3	F
Mechanical	Accelerometer (Vibration Sensitivity / Frequency Response)	10 Hz to 99 Hz	1.2 % of Reading	Reference Accelerometer with electrodynamic shaker using back-to-back comparison method The Modal Shop 9155D Accelerometer Calibration Workstation	EPWI-1258	F1, F3	F
Mechanical	Accelerometer (Vibration Sensitivity / Frequency Response)	100 Hz	0.75 % of Reading	Reference Accelerometer with electrodynamic shaker using back-to-back comparison method The Modal Shop 9155D Accelerometer Calibration Workstation	EPWI-1258	F1, F3	F
Mechanical	Accelerometer (Vibration Sensitivity / Frequency Response)	101 Hz to 920 Hz	1.0 % of reading	Reference Accelerometer with electrodynamic shaker using back-to-back comparison method The Modal Shop 9155D Accelerometer Calibration Workstation	EPWI-1258	F1, F3	F
Mechanical	Accelerometer (Vibration Sensitivity / Frequency Response)	921 Hz to 5 000 Hz	1.4 % of reading	Reference Accelerometer with electrodynamic shaker using back-to-back comparison method The Modal Shop 9155D Accelerometer Calibration Workstation	EPWI-1258	F1, F3	F



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Mechanical	Accelerometer (Vibration Sensitivity / Frequency Response)	5 001 Hz to 10 000 Hz	1.9 % of reading	Reference Accelerometer with electrodynamic shaker using back-to-back comparison method The Modal Shop 9155D Accelerometer Calibration Workstation	EPWI-1258	F1, F3	F
Mechanical	Accelerometer (Vibration Sensitivity / Frequency Response)	10 001 Hz to 15 000 Hz	2.2 % of reading	Reference Accelerometer with electrodynamic shaker using back-to-back comparison method The Modal Shop 9155D Accelerometer Calibration Workstation	EPWI-1258	F1, F3	F
Mechanical	Accelerometer (Shock)	20 g to 10 000 g	2.2 % of reading	Reference Accelerometer with pneumatic shock machine using back-to-back comparison method The Modal Shop 9155D Accelerometer Calibration Workstation	EPWI-1258	F1, F3	F



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*Accreditation is granted to the facility to perform the following conformity assessment activities:*

1. The CMC (Calibration and Measurement Capability) stated for calibrations included on this scope of accreditation represents the smallest measurement uncertainty attainable by the laboratory when performing a more or less routine calibration of a nearly ideal device under nearly ideal conditions. It is typically expressed at a confidence level of 95 % using a coverage factor k (usually equal to 2). The actual measurement uncertainty associated with a specific calibration performed by the laboratory will typically be larger than the CMC for the same calibration since capability and performance of the device being calibrated and the conditions related to the calibration may reasonably be expected to deviate from ideal to some degree.
2. The laboratories range of calibration capability for all disciplines for which they are accredited is the interval from the smallest calibrated standard to the largest calibrated standard used in performing the calibration. The low end of this range must be an attainable value for which the laboratory has or has access to the standard referenced. Verification of an indicated value of zero in the absence of a standard is common practice in the procedure for many calibrations but by its definition it does not constitute calibration of zero capacity.
3. Location of activity:
 

<b>Location Code</b>	<b>Location</b>
F	Conformity assessment activity is performed at the CABs fixed facility
4. Measurement uncertainties obtained for calibrations performed at customer sites can be expected to be larger than the measurement uncertainties obtained at the laboratories fixed location for similar calibrations. This is due to the effects of transportation of the standards and equipment and upon environmental conditions at the customer site which are typically not controlled as closely as at the laboratories fixed location.