



# CERTIFICATE OF ACCREDITATION

**The ANSI National Accreditation Board**

Hereby attests that

**Ocean Optics, Inc. dba Ocean Insight**

**3500 Quadrangle Blvd.  
Orlando, FL 32817**

Fulfills the requirements of

**ISO/IEC 17025:2017**

In the field of

**CALIBRATION**

This certificate is valid only when accompanied by a current scope of accreditation document.  
The current scope of accreditation can be verified at [www.anab.org](http://www.anab.org).

A handwritten signature in black ink, appearing to read 'R. Douglas Leonard Jr.', is positioned above a horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 05 March 2024  
Certificate Number: AC-2856



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory  
quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

## SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

### Ocean Optics, Inc. dba Ocean Insight

3500 Quadrangle Blvd.

Orlando, FL 32817

Laura Mayor-Cabrera (321) 304-4630

[Laura.mayor-cabrera@oceaninsight.com](mailto:Laura.mayor-cabrera@oceaninsight.com)

### CALIBRATION

Valid to: **March 05, 2024**

Certificate Number: **AC-2856**

#### Photometry and Radiometry

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Spectral Responsivity <sup>1</sup> (QE PRO UV-NIR Spectrometer)	(350 to <400) nm	12 % of reading	FEL Lamp
	(400 to <450) nm	7.9 % of reading	
	(450 to <500) nm	5.8 % of reading	
	(500 to <550) nm	4.6 % of reading	
	(550 to <600) nm	3.9 % of reading	
	(600 to <650) nm	3.4 % of reading	
	(650 to <700) nm	3 % of reading	
	(700 to <750) nm	2.8 % of reading	
	(750 to <800) nm	2.8 % of reading	
	(800 to <850) nm	2.8 % of reading	
	(850 to <900) nm	2.9 % of reading	
	(900 to <950) nm	3 % of reading	
	(950 to <1 000) nm	3.3 % of reading	
(1 000 to <1 050) nm	3.4 % of reading		

**Photometry and Radiometry**

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Spectral Responsivity <sup>1</sup> (NQ 512-1.7 Spectrometer)	(950 to <1 000) nm	5.9 % of reading	FEL Lamp
	(1 000 to <1 050) nm	5.9 % of reading	
	(1 050 to <1 100) nm	5.9 % of reading	
	(1 100 to <1 150) nm	5.9 % of reading	
	(1 150 to <1 200) nm	5.9 % of reading	
	(1 200 to <1 250) nm	5.9 % of reading	
	(1 250 to <1 300) nm	6 % of reading	
	(1 300 to <1 350) nm	5.9 % of reading	
	(1 350 to <1 400) nm	6.2 % of reading	
	(1 400 to <1 450) nm	5.9 % of reading	
	(1 450 to <1 500) nm	6 % of reading	
	(1 500 to <1 550) nm	6.1 % of reading	
	(1 550 to <1 600) nm	6 % of reading	
(1 600 to <1 650) nm	6 % of reading		
(1 650 to <1 700) nm	21 % of reading		

Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and reference standard, method, and/or equipment. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 ( $k=2$ ), corresponding to a confidence level of approximately 95%.

Notes:

1. This laboratory offers commercial calibration services for Ocean Insight equipment.
2. This scope is formatted as part of a single document including Certificate of Accreditation No. AC-2856.



R. Douglas Leonard Jr., VP, PILR SBU