



# THE EPPLEY LABORATORY, INC.

12 Sheffield Avenue, PO Box 419, Newport, Rhode Island USA 02840  
Phone: 401.847.1020 Fax: 401.847.1031 Email: info@eppleylab.com

## Calibration Certificate

---

Instrument: Standard Precision Pyranometer, Model SPP, Serial Number 38214F3

Procedure: This pyranometer was compared in Eppley's Integrating Hemisphere according to procedures described in **ISO 9847 Section 5.3.1** and Technical Procedure, TP01 of The Eppley Laboratory, Inc.'s Quality Assurance Manual on Calibrations.

Transfer Standard: Eppley Standard Precision Pyranometer, Model SPP, Serial Number 37501F3

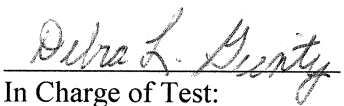

Results: **Sensitivity:**  $S = 7.93 \mu V / W m^{-2}$   
**Uncertainty:**  $U_{95} = \pm 0.91\%$  (95% confidence level,  $k=2$ )  
**Resistance:**  $697 \Omega$  at  $23^{\circ}C$

Date of Test: April 3, 2018

Traceability: This calibration is traceable to the World Radiation Reference (WRR) through comparisons with Eppley's AHF standard self-calibrating cavity pyrheliometers which participated in the Twelfth International Pyrheliometric Comparisons (IPC XII) at Davos, Switzerland in September-October 2015. Unless otherwise stated in the remarks section below or on the Sales Order, the results of this calibration are "AS FOUND / AS LEFT".

Due Date: Eppley recommends a minimum calibration cycle of five (5) years but encourages annual calibrations for highest measurement accuracy.

Customer: WHOI  
Woods Hole, MA

Signatures:  In Charge of Test:  Reviewed by:

Eppley SO: 65181

Date of Certificate April 3, 2018

Remarks: