## Biospherical Instruments Inc.

## **CALIBRATION CERTIFICATE**

Calibration Date	7/13/2010	_				
Model Number	QSR2200	_				
Serial Number	20128	_				
Operator	TPC					
Standard Lamp	GS-1024(8/28/08	)				
Probe Excitation Voltage Range:		6	to_	18	VDC(+)	
Output Polarity:	Positive	_				
Probe Conditions at C	Voltage:	6	\	/DC(+)		
Probe Current:		3.4	n	nA		
Probe Output Voltage:						
Probe Illuminated Probe Dark Probe Net Response RG780		102.5 1.3 101.3 1.8	n	nV nV nV		
Corrected Lamp Output:						
Output In Air (same condition as calibration):						
	9.271E+15		quanta/cm²sec			
	0.01540	_uE/cm <sup>2</sup> sec				
Calibration Scale Factor: (To calculate irradiance, divide the net voltage reading in Volts by this value.)						
Dry:	1.0922E-17	V/(quanta/	V/(quanta/cm²sec)			
•	6.5773E+00 V/(uE/d					

## Notes:

- 1. Annual calibration is recommended.
- 2. Calibration is performed using a Standard of Spectral Irradiance traceable to the National Institute of Standards and Technology (NIST).
- 3. The collector should be cleaned frequently with alcohol.
- 4. Calibration was performed with customer cable, when available.