



Control Development  
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## **CALIBRATION CERTIFICATE**

Serial Number: SNLC3593

**Wavelength Calibration:**

Source: BHK AnaLamp® Mercury-Argon Line Source

Model: 81-1057-01 HG

S/N: N/A

Last Cal Date: N/A

Next Cal Date: N/A

**Amplitude Calibration:**

Source: Gooch & Housego Standard of Spectral Irradiance

Model: OL 220C

S/N: M-1370 Bulb

Last Cal Date: October 30, 2012

Next Cal Date: October 30, 2013

Date of Calibration: November 16, 2012

This certifies that the above product was calibrated to an intrinsic wavelength standard and a NIST traceable irradiance standard in compliance with a quality system registered to ISO 9001:2008.

As Shipped Conditions:

At the completion of this calibration, measured values were IN-SPECIFICATION at the points tested.

Certified by: Adam Nix  
Quality Manager  
Control Development, Inc

## SNLC3593

### Line Verify

Measured	HGAR	Error(nm)	Error(pix)	FWHM(nm)
365.068	365.015	0.0528	0.0330	4.0800
435.738	435.840	-0.1015	-0.0627	3.2993
546.151	546.080	0.0710	0.0438	2.9764
696.574	696.540	0.0340	0.0218	2.7339
763.471	763.510	-0.0386	-0.0241	2.8322
826.449	826.450	-0.0008	-0.0005	2.9927
852.118	852.140	-0.0223	-0.0142	3.4258
965.794	965.780	0.0139	0.0091	4.6696