

Supplier Certificate of Compliance

Serial Number: **G4-384**

Model Number: **1003C-10147**

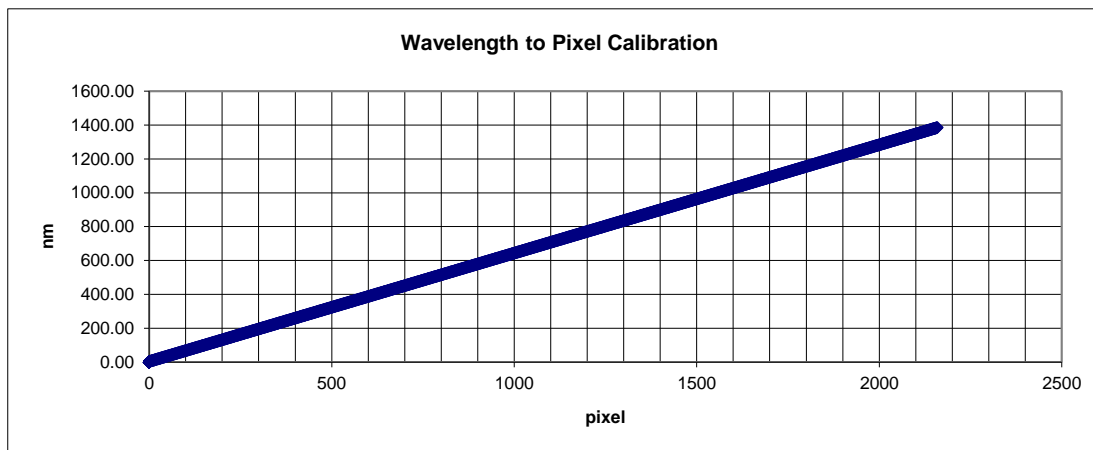
Hyperspec™ Wavelength Calibration Certificate

Slit size: **25um**

Calibration Date: **11/12/2015**

Operator: **MM**

Registration Wavelength	546.1	nm					
Registration Pixel	848.617	p	Wave(pixel) = pixel * Pixel_Disp + Pixel0_Wave $\lambda_{pixel} = P_{ixel} * P_{ixelDispersion} + \lambda_{FirstPixel}$				
Average Dispersion	98.4	nm/mm					
Nominal Pixel_pitch	0.0065	mm					
Average Pixel_Disp	0.6398639832	nm/p					
Spectral Rows	2160	pixels					
Pixel0_Wave	3.1005461850	nm					
Number	Wavelength (nm)	Source	Pixel Target	Actual	Pixel Dispersion (nm/p)	Calculated Dispersion (nm/mm)	Average Linear Disp (nm/mm)
1	404.7	Hg	631				
2	435.8	Hg	679	676.185			
3	546.1	Hg	849	848.617	0.64	98.41	
		Hg					
4	578.0	Doublet	898				
5	632.8	HeNe	982	984.074	0.64	98.47	98.44
6	763.5	Ar	1183				
7	826.5	Ar	1280				
8	832.0	Diode	1288				
Shortest Wavelength	3.1	CCD-end	0				
Longest Wavelength	1384.6	CCD-end	2159				



Notes regarding calibration:

- 1) Headwall uses extensive proprietary hardware and software to ensure compliance and calibration accuracy for this specific sensor configuration. Any end-user changes or modifications to the sensor may impact calibration accuracy.
- 2) While Headwall manufacturing certifies that the Hyperspec sensor has been calibrated to meet stringent design specifications, it cannot be guaranteed that shipping stresses have not exceeded acceptable thresholds.
- 3) Factory calibration does not include lens. Fore-optic lens quality may result in slight chromatic corrections which may change accuracy.