

# LASER OPTICAL DENSITY CERTIFICATION

## R AB4

Supplier: Thorlabs Limited  
Purchase Order Number: EO-265946  
Requirements: EN 12254: 2010(E), Paragraph 5.3 Resistance to Laser Radiation, Table 2.  
180-315 nm Range.

Cert. Number: 51493  
Date: October 2, 2015

### TEST PARAMETERS

Coating Type: N/A	Substrate Material: Fabric
Test Wavelength: 266 nm	Incidence Angle: 0°
Polarization: Linear	PRF : 10 Hz
Pulsewidth (FWHM): 5 ns	Transverse Mode: n/a
Spot Diameter (1/e): 0.534 mm	Axial Modes: TEM <sub>00</sub>
Test Prep: N <sub>2</sub> blow	Number of Sites: 1
Quantity: 3	Exposure Duration: 100 seconds

### TEST RESULTS:

<u>Sample</u>	<u>Measurement Level</u>
3	Sample maintains AB4 during irradiation.
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COMMENTS: Samples Fail at LB5.

**Spica Technologies certifies that this sample has been exposed to the parameters described above. All test and calibration data are maintained on file. All instrument calibration is traceable to NIST.**

Test conducted by \_\_\_\_\_

  
**Spica**  
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