

# LASER OPTICAL DENSITY CERTIFICATION

## D, AB10

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: 51491  
Date: September 25, 2015

### TEST PARAMETERS

|                                |                                     |
|--------------------------------|-------------------------------------|
| Coating Type: N/A              | Substrate Material: Fabric          |
| Test Wavelength: 266 nm        | Incidence Angle: 0°                 |
| Polarization: Linear           | PRF : CW                            |
| Pulsewidth (FWHM): n/a         | Transverse Mode : TEM <sub>00</sub> |
| Spot Diameter (1/e): 1.008 mm  | Axial Modes: Multiple               |
| 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>                  |
|---------------|---|
| 2             | Sample maintains AB10 during irradiation. |
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COMMENTS: None.

**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



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