

LASER OPTICAL DENSITY CERTIFICATION

I AB8

Supplier: Thorlabs Limited
Purchase Order Number: EO-265946
Requirements: EN 12254: 2010(E), Paragraph 5.3 Resistance to Laser Radiation, Table 2. 315-1400 nm Range.

Cert. Number: 51497
Date: September 28, 2015

TEST PARAMETERS

Coating Type: N/A	Substrate Material: Fabric
Test Wavelength: 1064 nm	Incidence Angle: 0°
Polarization: Random	PRF : 10 Hz
Pulsewidth (square): 3 ms	Transverse Mode: TEM ₀₀
Spot Diameter (1/e): 1.38 mm	Axial Modes: Multiple
Test Prep: N ₂ blow	Number of Sites: 1
Quantity: 3	Exposure Duration: 50 seconds

TEST RESULTS:

<u>Sample</u>	<u>Measurement Level</u>
7	Sample maintains AB8 during irradiation.
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COMMENTS: Laser penetrates samples at AB9 levels.

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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