

LASER OPTICAL DENSITY CERTIFICATION

M, AB4

Supplier: Thorlabs Limited
Purchase Order Number: EO-396767
Part Number: F002

Cert. Number: 59993
Date: August 27, 2018

Requirements: EN 12254: 2010(E), Paragraph 5.3 Resistance to Laser Radiation, Table 2.
180-315 nm Range.

TEST PARAMETERS

Coating Type: N/A
Test Wavelength: 266 nm
Polarization: Linear
Pulsewidth (FWHM): 800 ps
Spot Diameter (1/e): 0.501 mm
Test Prep: N₂ blow
Quantity: 3

Substrate Material: Fabric
Incidence Angle: 0°
PRF : 20 Hz
Transverse Mode : TEM₀₀
Axial Modes: Multiple
Number of Sites: 1
Exposure Duration: 50 seconds

TEST RESULTS:

<u>Sample</u>	<u>Measurement Level</u>
10	Sample maintains AB4 during irradiation.
11	Sample maintains AB4 during irradiation
12	Sample maintains AB4 during irradiation

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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