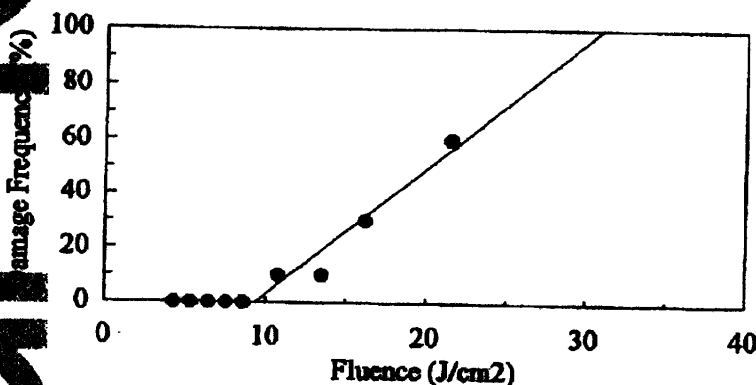




is page to: (303) 444-9951  
Please deliver promptly to: Ove Lyngnes

### LASER DAMAGE THRESHOLD

Customer:	Precision Photonics Corp.	Certificate No.:	12637 #2
Purchase Order Number:	1152	Issued:	July 30, 2007
Substrate Material:	Unknown	Coating Type:	HR@532nm
Part No.:	S-256 Annealed	Lot No.:	S-256 Annealed Arrow Side
Requirements:	Per P.O.		
Wavelength (nm):	532	Spot Diam. (FW/e2, mm):	.47
Repetition Freq. (Hz):	20	Incidence Angle (deg.):	0
Pulse Width (FWHM, ns):	10	Polarization State:	Linear
Axial Modes:	SPO	Transverse Modes:	TEM00
No. Sites Tested:	90	No. Shots/Site:	200
Damage Definition:	Permanent surface change	Inspection Method:	Nomarski/Darkfield 150X
Preparation:	N2 Dustoff		



J/cm2	MW/cm2	%Fail
21.5	1720	60
16.1	1290	30
13.4	1075	10
10.8	860	10
8.6	688	0
7.53	602	0
6.45	516	0
5.38	430	0
4.3	344	0

Test Results: Damage Threshold: 9.33 J/cm2 or 746.6 MW/cm2  
 Damage Type: Propagating pit(s)

Sky Laser Technologies, Inc., certifies that the Laser Damage Threshold of this sample was tested as shown hereon. Fluence measurement precision was plus or minus 10%, traceable to NIST. The test method was substantially in agreement with ISO 11254. Specific calibration data are maintained in this office and are available on request. We certify that this test report conforms to all applicable provisions of the purchase order.

  
 Jeff S. Runkel

PO Box 8  
 Bozeman, MT 59715-2001  
 406.586.20131  
 406.586.2924 Fax  
 Form 19 Rev A  
 www.bigskylaser.com