

SPECTROGON

Optical filters • Coatings • Gratings

Date: 2017-07-12

Operator: LT

Article:

Art no: 713M

BBP-10000-11230 nm Ø25.4x0.5 mm

Specifications:

HP1: 10000 ±250 nm

HP2: 11230 ±250 nm

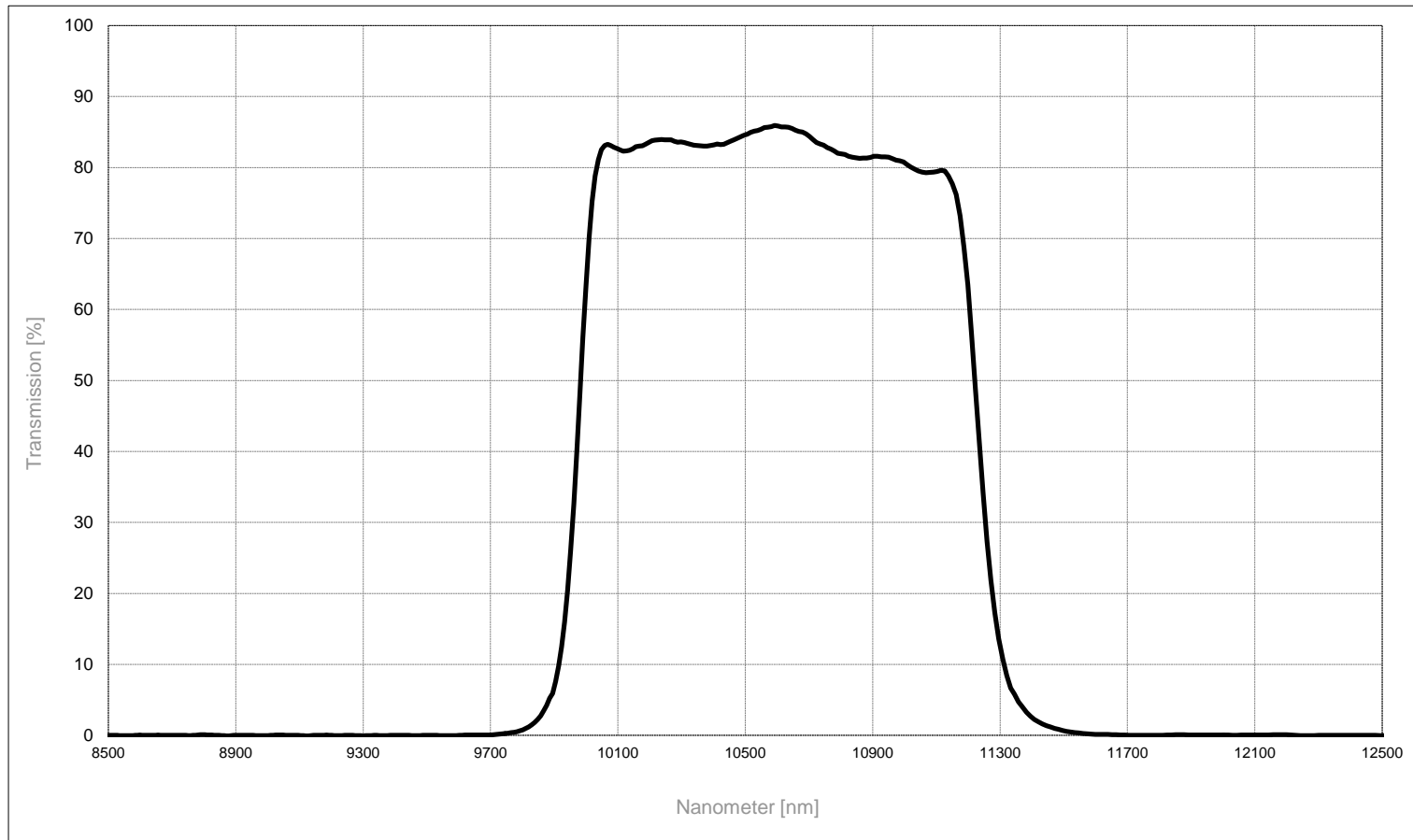
Tavg: ≥70 %

Blocking: 100 - 20000 nm (OD 3)

Measurement conditions:

Temperature: 23 °C

AOI: 0 deg



Measured values:

Cuton 5 % = 9883,03 nm

Cutoff 5 % = 11355,01 nm

HP1 = 9972,83 nm...OK

HP2 = 11234,78 nm...OK

Tavg = 83,12 %...OK

Slope 1 = 1,24 %

Slope 2 = 1,51 %

Data collection range: 1282 - 27005 nm

Spectrogon:

Ref: T33362

713S05432

Calibration traceable to NIST.

Spectrogon products conform in all aspects with the RoHS Directive.

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Date: 2017-08-23

Operator: LT

Article:

Art no: 713.

BP-14195-1127 nm Ø25.4x1.0 mm

Specifications:

CWL: 14195 ±300 nm

HW: 1127 ±120 nm

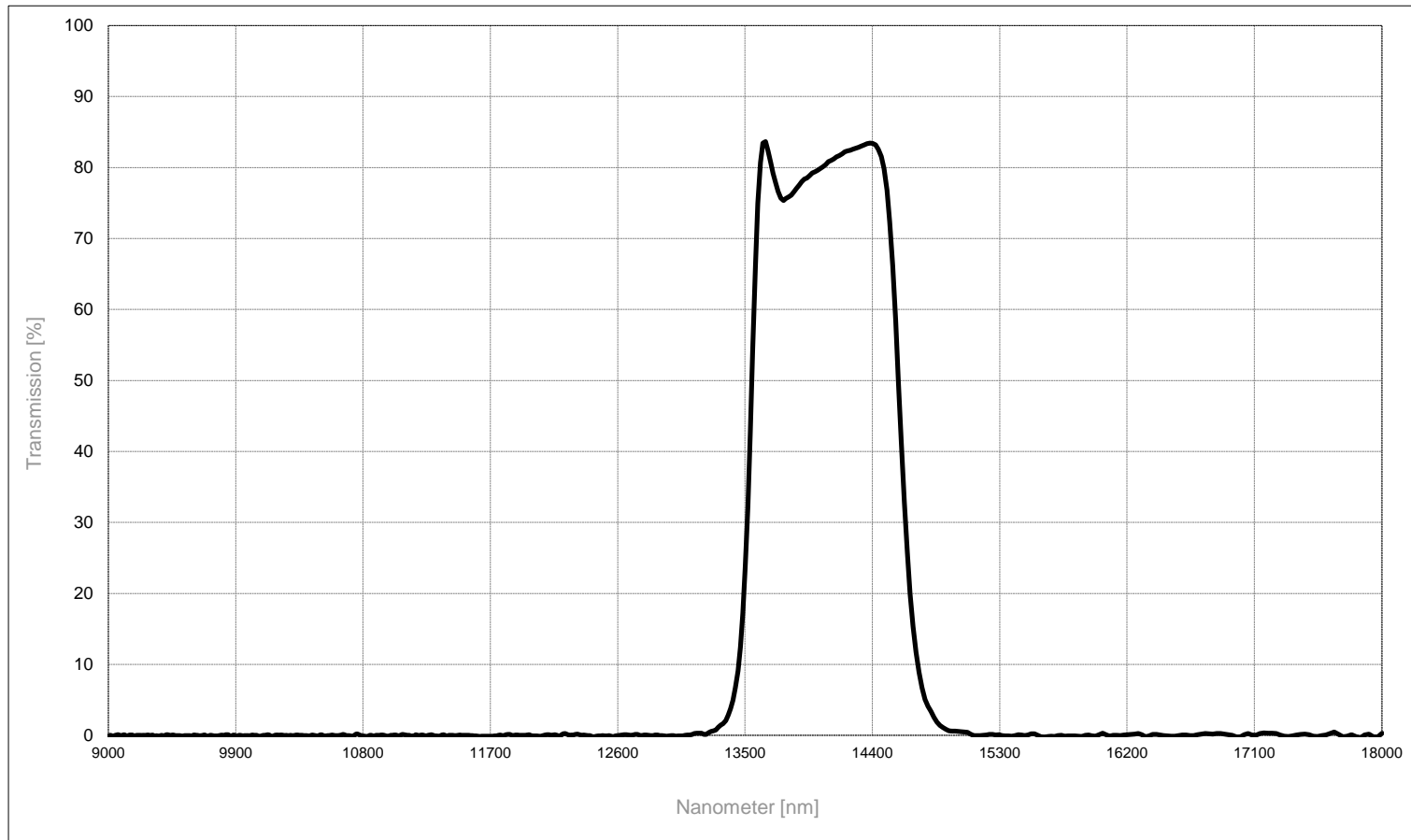
Tmin: 65 %

Blocking: 200 - 18000 nm (OD 3)

Measurement conditions:

Temperature: 23 °C

AOI: 0 deg



Measured values:

CWL = 14069,92 nm...OK

HW = 1067,59 nm...OK

Cuton 5 % = 13415,48 nm

Cutoff 5 % = 14773,74 nm

HP1 = 13536,13 nm

HP2 = 14603,72 nm

Tpeak = 83,45 %...OK

Tavg = 80,1 %

Slope 1 = 1,17 %

Slope 2 = 1,59 %

Data collection range: 2500 - 18003 nm

Spectrogon:

Ref: T36883

Calibration traceable to NIST.

Spectrogon products conform in all aspects with the RoHS Directive.

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Article:

LP-6700c nm Ø25.4x1.0 mm

Specifications:

Cuton 5%: +200/-200 nm

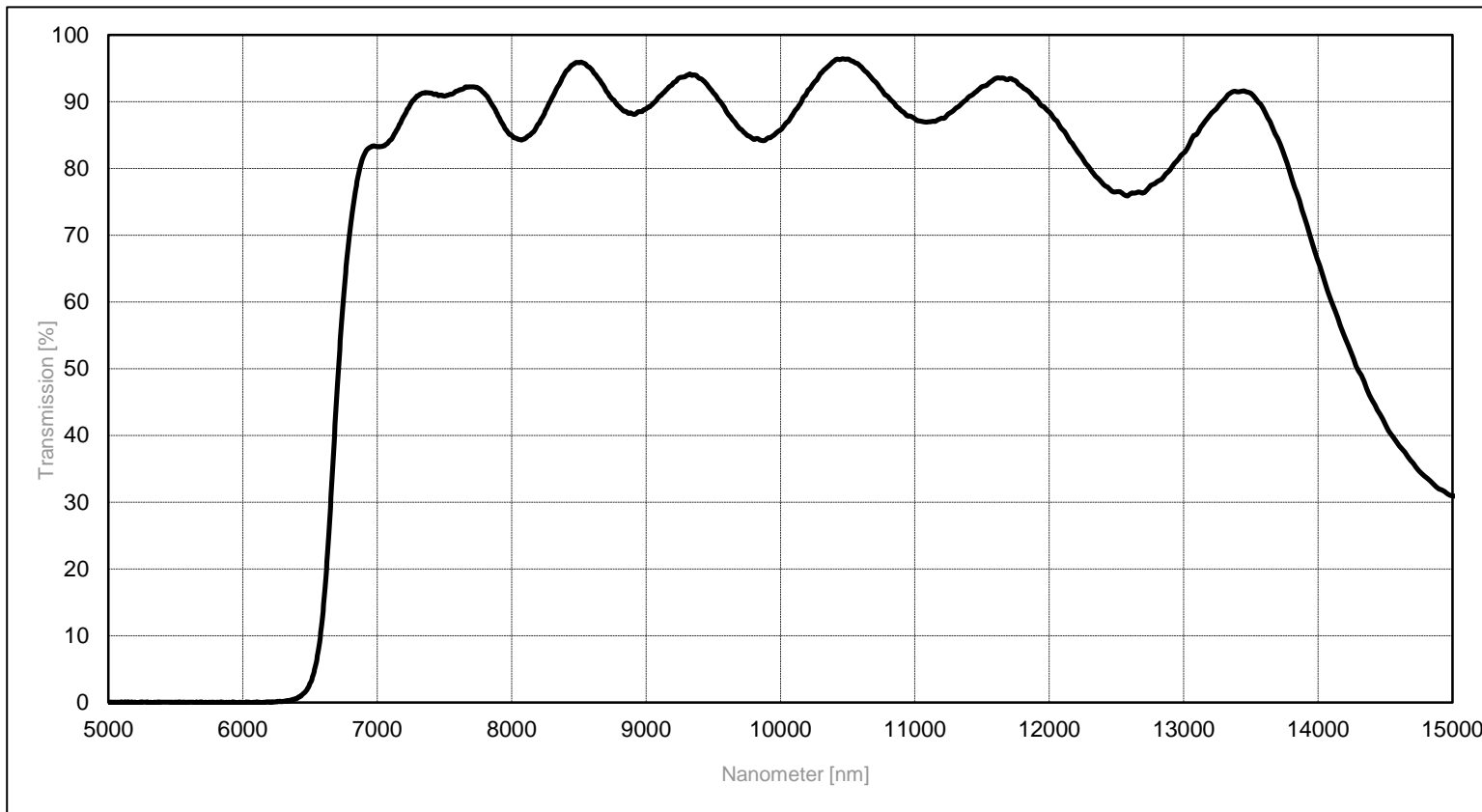
Transm > 70 %

Trange: 13000 nm

Measurement conditions:

Temperature: 23 °C

AOI: 0 deg



Actual values:

Cuton 5% = 6535,1 nm

HP1 = 6705,7 nm

Tpeak = 96,41 %

Tavg = 88,86 %

Slope 1 = 4,5 %

Data collection range: 1282 - 27005 nm

Diagram range: 5000 - 15000 nm

Ref: 10-1971

Calibration traceable to NIST.

Spectrogon products conform in all aspects with the RoHS Directive.

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Date: 2016-11-01

Operator: AA

Article:

Art no: 713

LP-11500 nm Ø25.4x1.0 mm

Specifications:

Cuton 5 %: 11500 ±200 nm

Tavg: ≥70 %

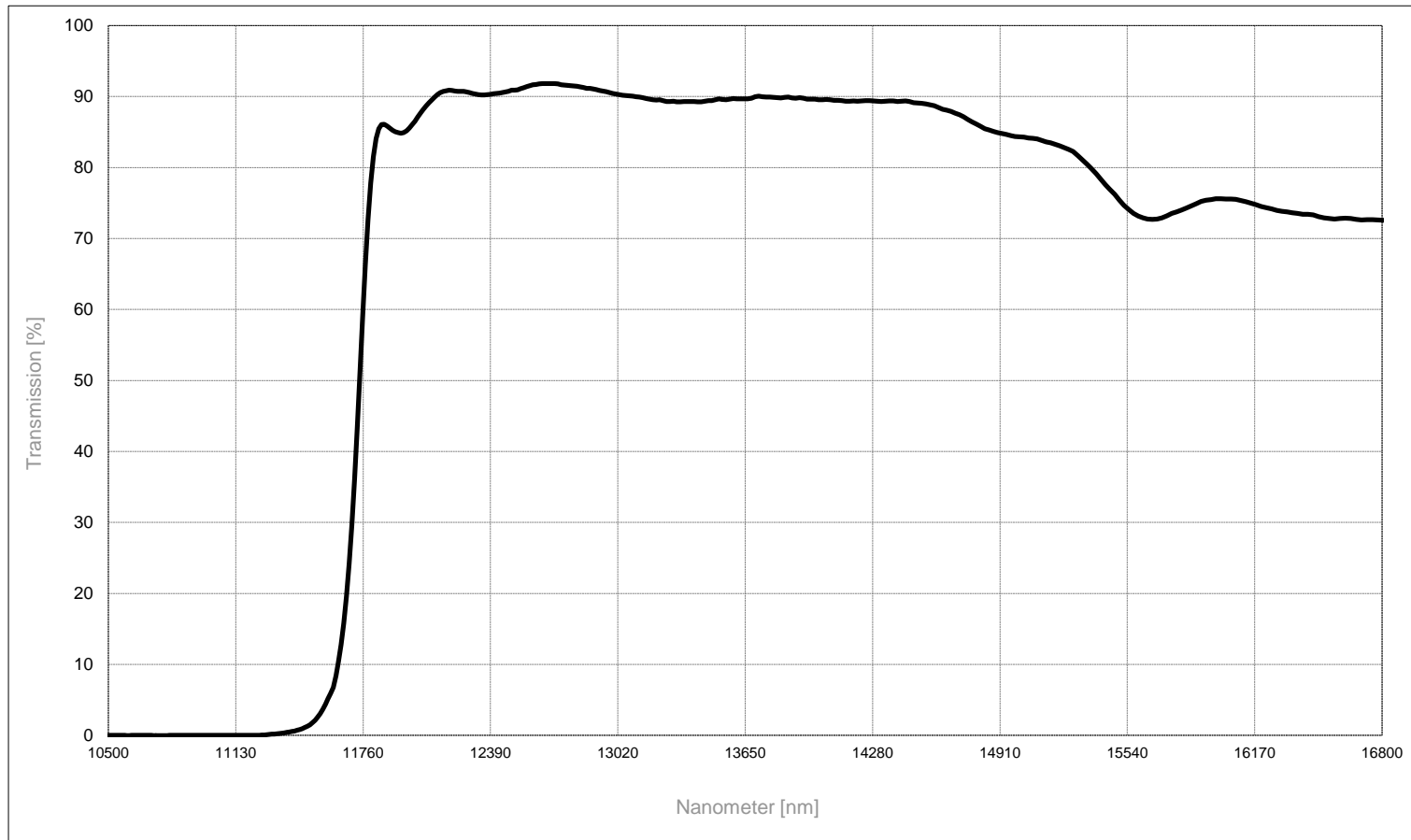
Blocking: 200 nm (OD 3)

Trange: 15000 nm

Measurement conditions:

Temperature: 23 °C

AOI: 0 deg



Measured values:

Cuton 5 % = 11583,78 nm...OK

HP1 = 11731,1 nm

Tavg = 89,31 %

Slope 1 = 1,72 %

Data collection range: 1282 - 27005 nm

Spectrogon:

T nr: 33331

Calibration traceable to NIST.

Spectrogon products conform in all aspects with the RoHS Directive.

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Date: 2017-04-07

Operator:

Article:

Art no: 713.

NB-14180-284 nm Ø25.4x0.5 mm

Specifications:

CWL: 14180 ±100 nm

HW: 284 ±30 nm

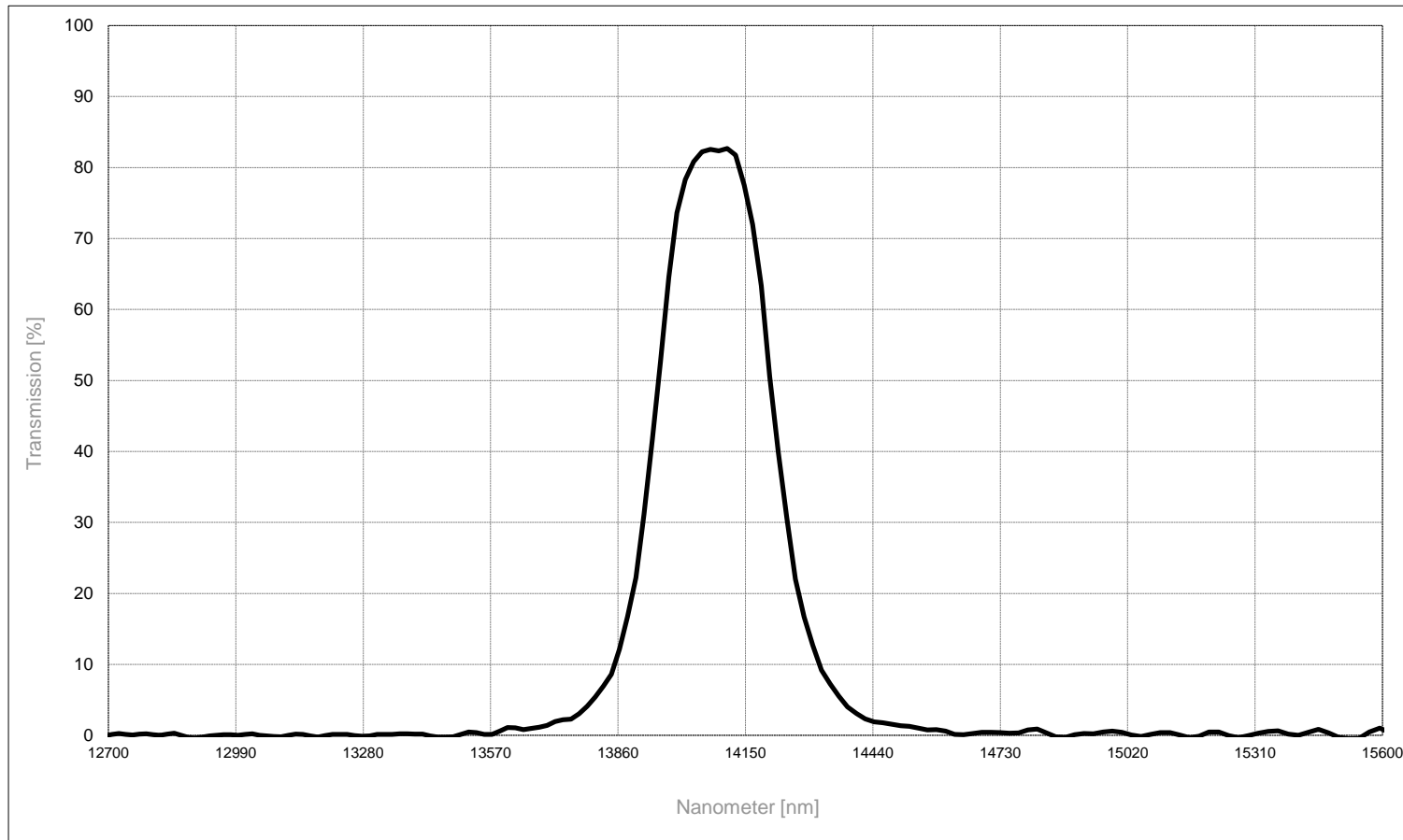
Tmin: 70 %

Blocking: 200 - 18000 nm (OD 3)

Measurement conditions:

Temperature: 23 °C

AOI: 0 deg



Measured values:

CWL = 14079,63 nm...OK

HW = 284,78 nm...OK

Cuton 5 % = 13802,45 nm

Cutoff 5 % = 14369,49 nm

HP1 = 13937,24 nm

HP2 = 14222,02 nm

Tpeak = 82,67 %...OK

Tavg = 80,2 %

Slope 1 = 1,26 %

Slope 2 = 1,34 %

Data collection range: 1282 - 16672 nm

Spectrogon:

Ref: T37032

Calibration traceable to NIST.

Spectrogon products conform in all aspects with the RoHS Directive.

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Date: 2016-12-21

Operator: ABO

Article:

Art no: 711.702.590

ND-UV-VIS-OD-3.0-Ø25.4x0.5 mm

Specifications:

Tnom: 0,1 %

Tmin: 0,05 %

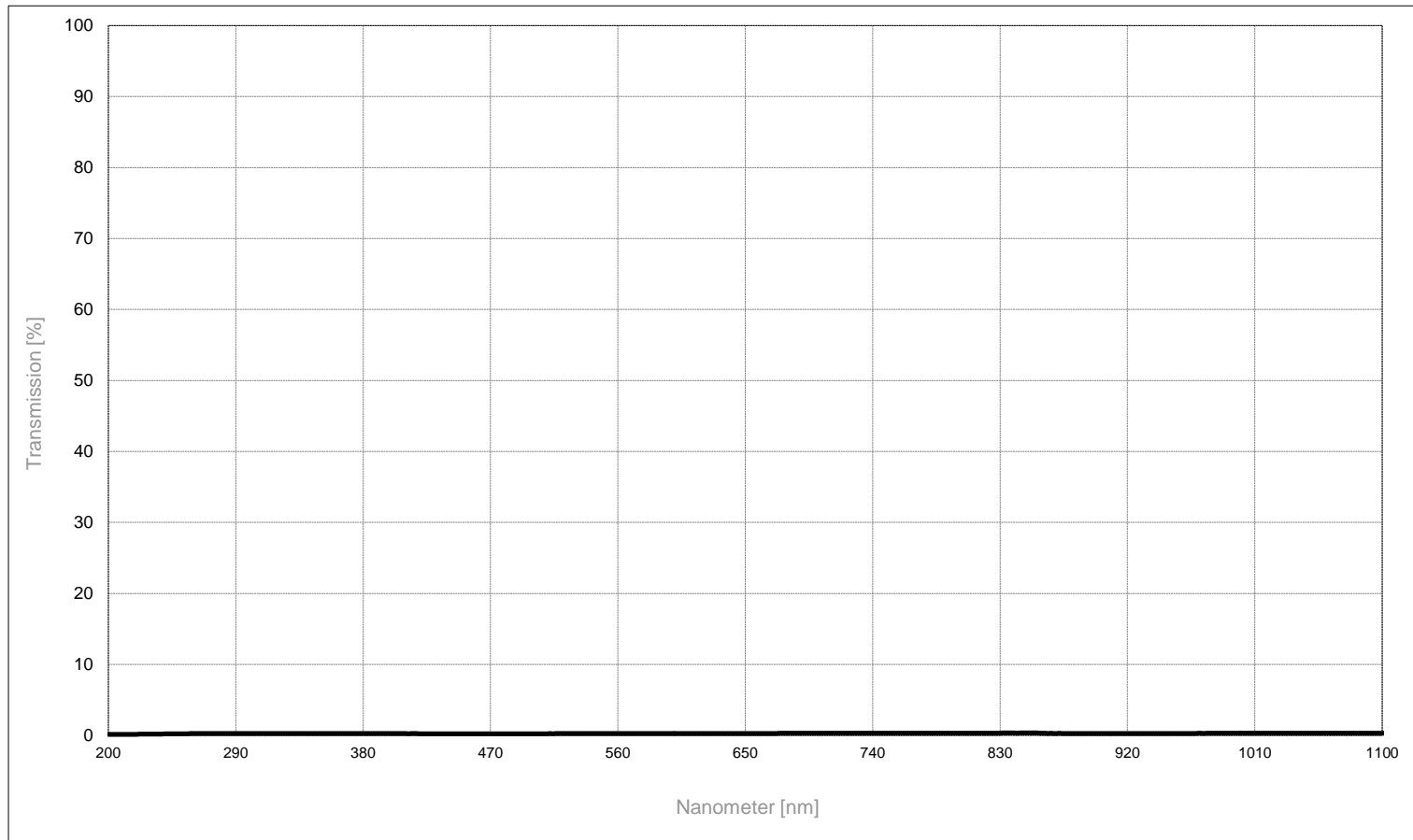
Tmax: 0,4 %

Trange: 190 - 2500 nm

Measurement conditions:

Temperature: 23 °C

AOI: 0 deg



Measured values:

Tpeak = 0,34 %...OK

Tmin range 200 - 1100 nm = 0,14 %...OK

Tmax range 200 - 1100 nm = 0,34 %...OK

Data collection range: 200 - 2000 nm

Spectrogon:

T nr: 33099

Calibration traceable to NIST.

Spectrogon products conform in all aspects with the RoHS Directive.

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Date: 2017-11-02

Operator: LT

Article:

Art no: 713.

SP-11000 nm Ø25.4x1.0 mm

Specifications:

Cutoff 5 %: 11000 ±250 nm

Tavg: 70 %

Range low: 6000 nm

Blocking: 15500 nm (OD 3)

Measurement conditions:

Temperature: 23 °C

AOI: 0 deg



Measured values:

Cutoff 5 % = 10917,26 nm...OK

HP2 = 10770,3 nm

Tavg = 89,05 %...OK

Slope 2 = 1,84 %

Tmin range 6000 - 10500 nm = 71,95 %

Tmax range 6000 - 10500 nm = 95,58 %

Tavg range 6000 - 10500 nm = 89,05 %...OK

Spectrogon:

T nr: 5335

Ref: 713.000054.S

Calibration traceable to NIST.

Spectrogon products conform in all aspects with the RoHS Directive.