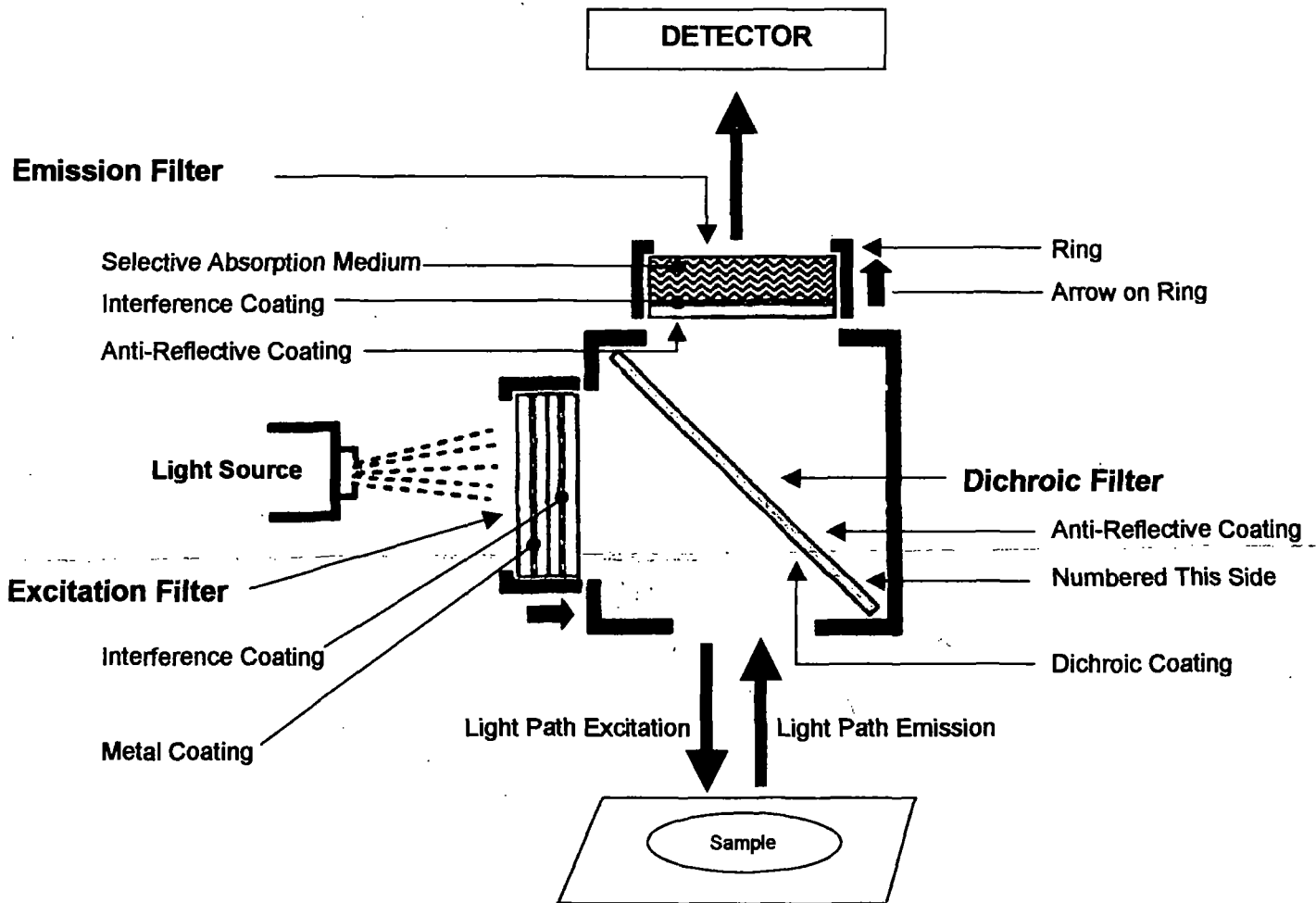


Fluorescence Microscopy Filter Cube Schematic Diagram



Important Notes:

Orientation of Filters:

Omega exciter & emission filters have an arrow on ring pointing in the direction of the light path.

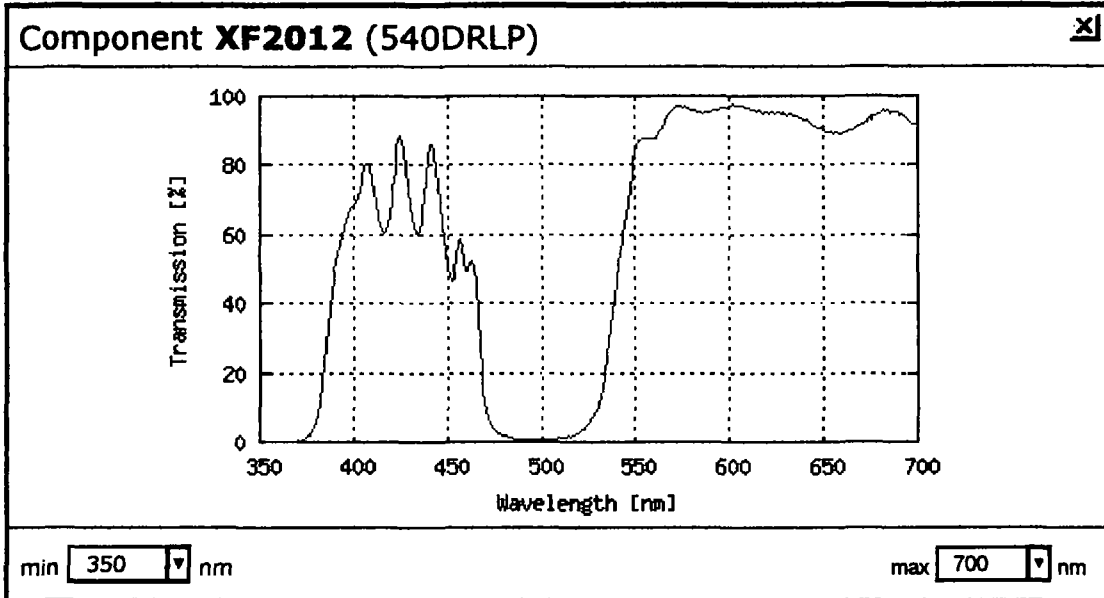
Care & Handling of Filters:

Precision optical components should be handled with reasonable care. Hold by edges only.

Cleaning of Optical Components:

Remove any foreign particles with a puff of dry air. Wipe gently with a soft, lint-free cloth. A final wipe with a few drops of pure anhydrous alcohol will result in a clean, undamaged component.

OMEGA OPTICAL incorporated



Showing XF2012 ✕

Dichroic: XF2012 (540DRLP)

This component is used in filter set(s) [XF30](#), [XF99](#).

- All Filter Sets & Components**
- XF01 Vivid Standard Set
 - XF02-2 Vivid Plus Set
 - XF03 Vivid Standard Set
 - XF04-2 Ratio Imaging Set

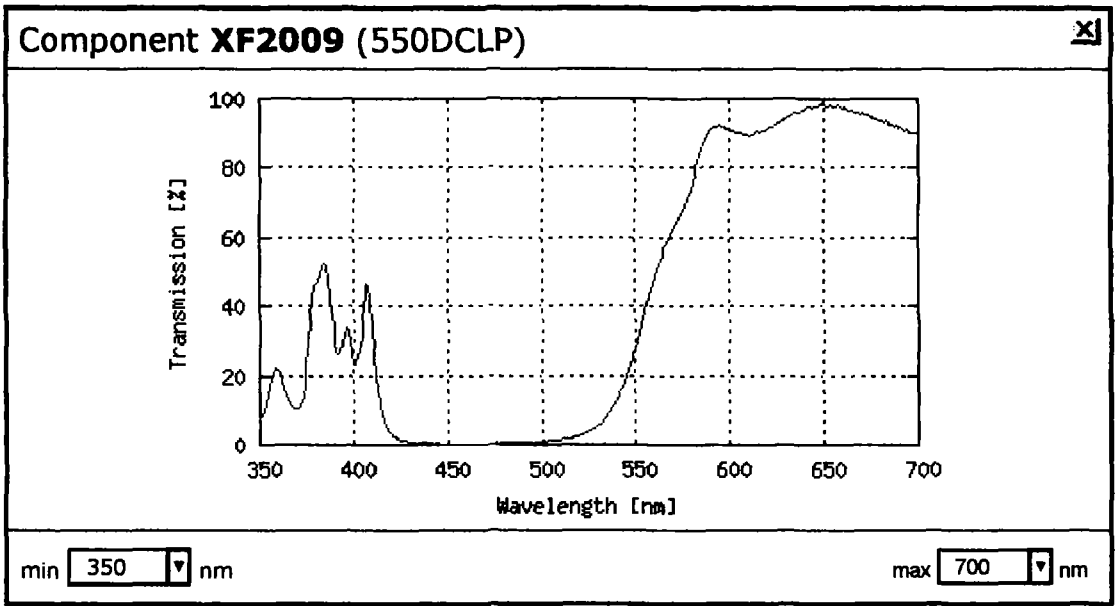
Fluorophores used with XF2012

Show All Fluorophores

ORDER

OMEGA OPTICAL incorporated

Curv-o-matic



Showing XF2009

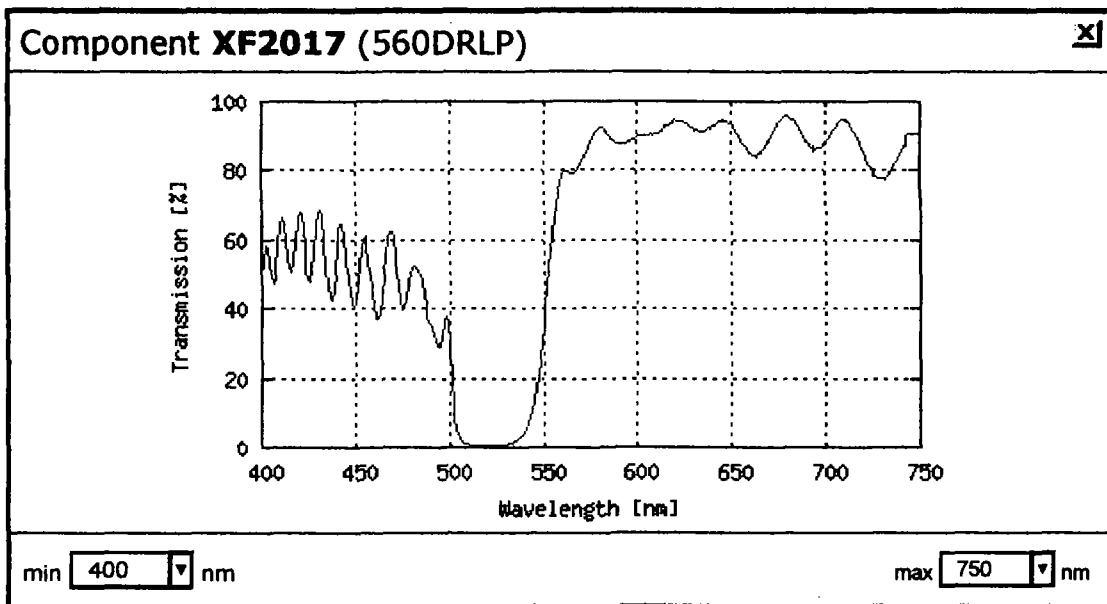
Dichroic: XF2009 (550DCLP)

This component is used in filter set(s) [XF17](#), [XF21](#), [XF27](#), [XF28](#).

- All Filter Sets & Components**
- XF01 Vivid Standard Set
 - XF02-2 Vivid Plus Set
 - XF03 Vivid Standard Set
 - XF04-2 Ratio Imaging Set

Fluorophores used with XF2009

OMEGA OPTICAL incorporated



Showing **XF2017** ✕

Dichroic: XF2017 (560DRLP)

This component is used in filter set(s)
XF101-2, XF108-2.

- #### All Filter Sets & Components
- XF01 Vivid Standard Set
 - XF02-2 Vivid Plus Set
 - XF03 Vivid Standard Set
 - XF04-2 Ratio Imaging Set

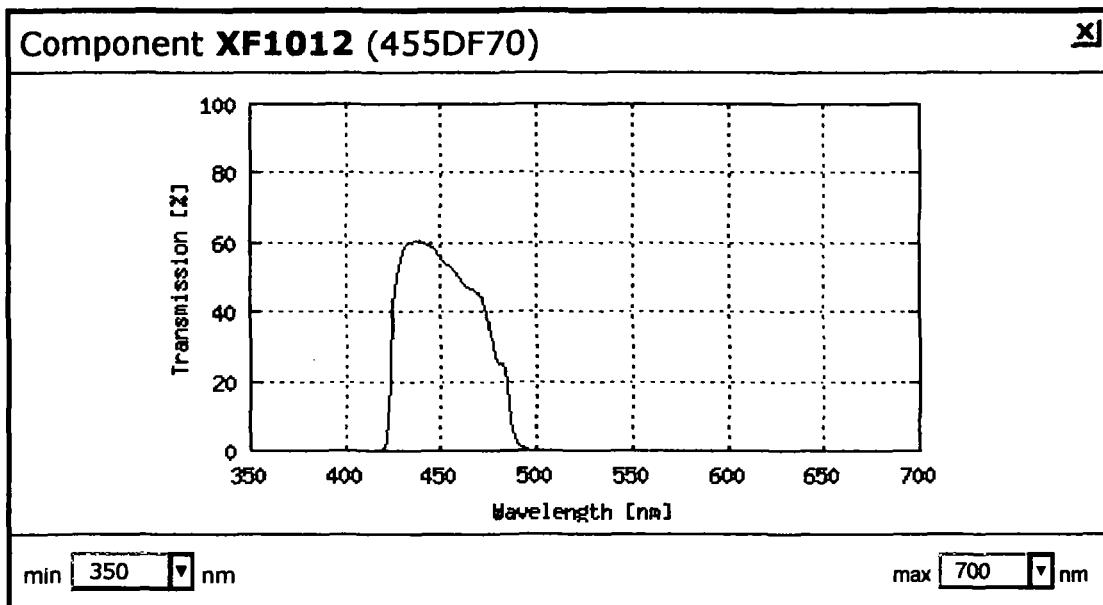
Fluorophores used with **XF2017**

[Show All Fluorophores](#)

[ORDER](#)

OMEGA OPTICAL incorporated

Curv-o-matic



Showing **XF1012** X

Exciter: XF1012 (455DF70)

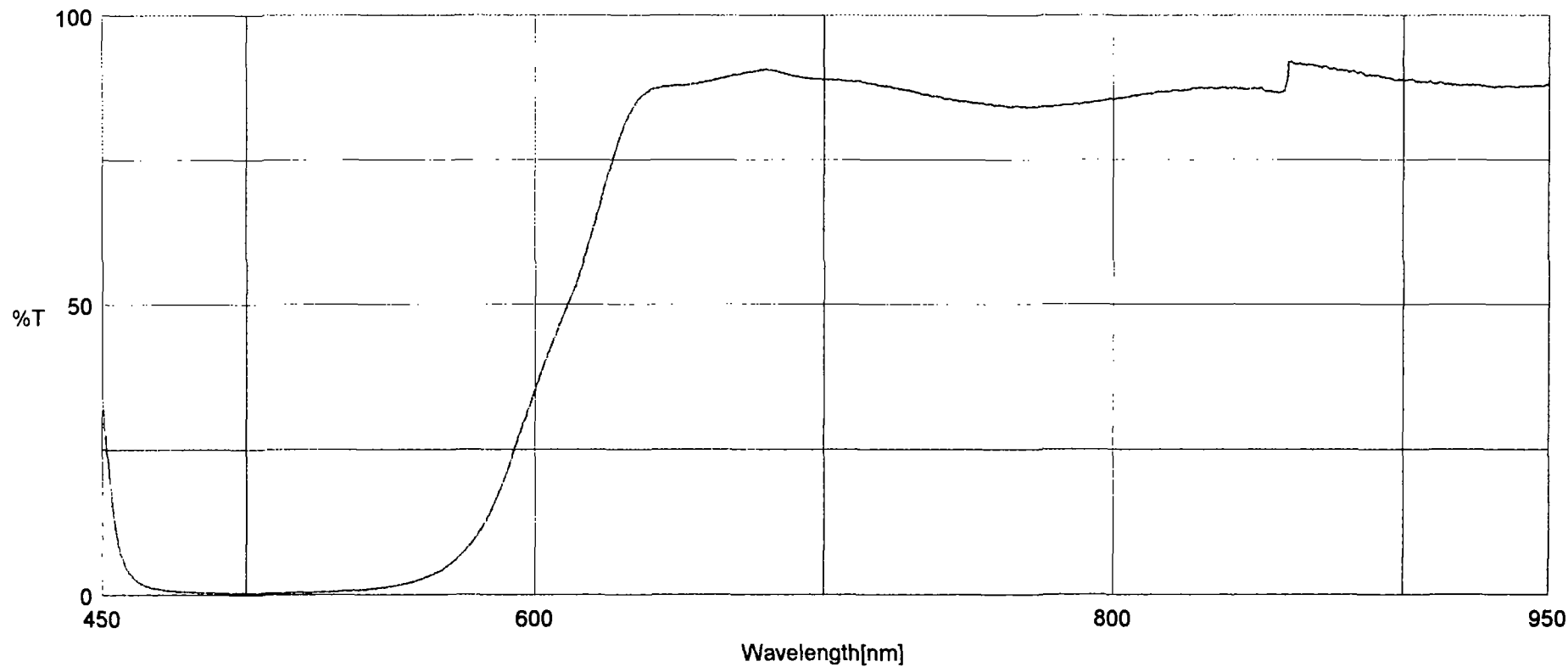
This component is used in filter set(s)
XF18-2.

Fluorophores used with XF1012

- All Filter Sets & Components**
- XF01 Vivid Standard Set
 - XF02-2 Vivid Plus Set
 - XF03 Vivid Standard Set
 - XF04 Ratio Imaging - Multiple Exciters

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610DCLP@45 0337

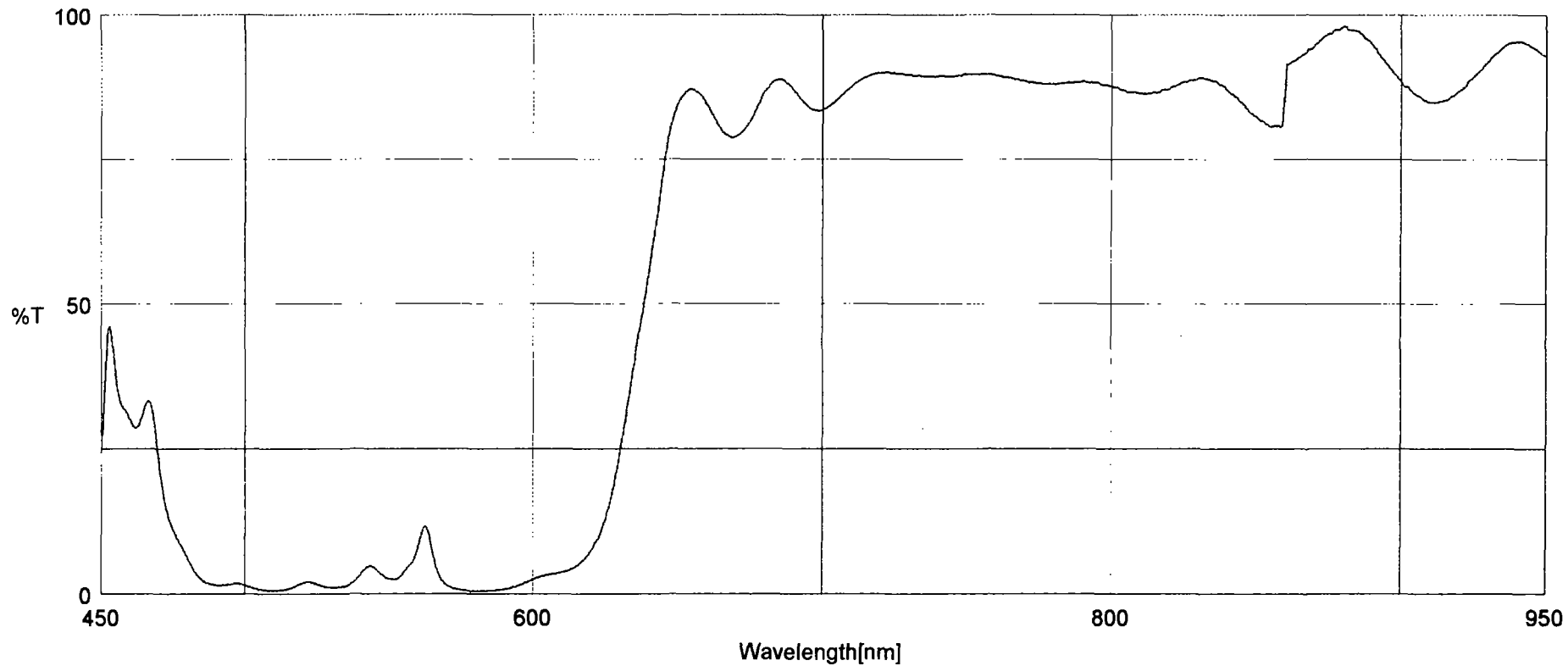


Date 9/18/103 11:06AM
Model V-570
Serial No. A11
Band width 0.5 nm
Band width(NIR) 4.0 nm
Response Fast
Measurement range 950 - 450 nm
Data pitch 0.5nm
Scanning speed 400nm/min
Sample ID 20
No. of cycle 1

File name DTM003.jws

Sample name
Operator Jasco
Comment

640DCLP@45 0337



Date 9/18/103 11:09AM
Model V-570
Serial No. A11
Band width 0.5 nm
Band width(NIR) 4.0 nm
Response Fast
Measurement range 950 - 450 nm
Data pitch 0.5nm
Scanning speed 400nm/min
Sample ID 21
No. of cycle 1

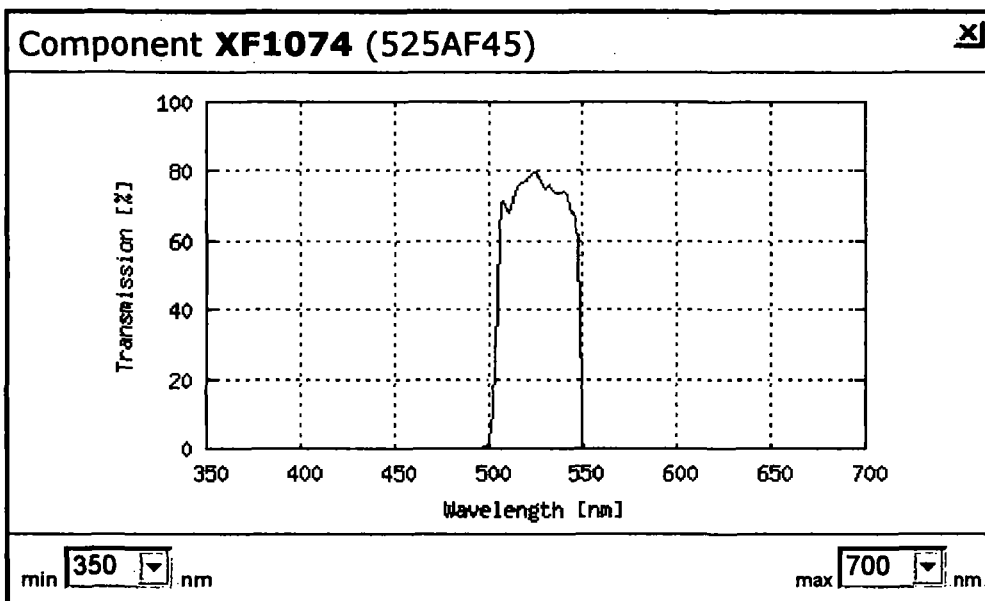
File name DTM004.jws

Sample name
Operator Jasco
Comment

OMEGA OPTICAL incorporated



An interactive database of fluorophore absorption and emission spectra, along with filter set recommendations and accompanying filter spectral curves.



Showing XF1074 ✖

Exciter: XF1074 (525AF45)

This component is used in filter set(s)
XF101-2, XF103-2, XF108-2, XF74-2.

Fluorophores used with XF1074

- All Filter Sets & Components**
- XF01 Vivid Standard Set
 - XF02-2 Vivid Plus Set
 - XF03 Vivid Standard Set
 - XF04-2 Ratio Imaging Set

OMEGA OPTICAL incorporated



An interactive database of fluorophore absorption and emission spectra, along with filter set recommendations and accompanying filter spectral curves.

Component XF3080 (510AF23) ✖

min nm max nm

Showing XF3080 ✖

Emitter: XF3080 (510AF23)

This component is used in filter set(s)
XF116-2, XF151-2.

Fluorophores used with XF3080

[Show All Fluorophores](#)

All Filter Sets & Components

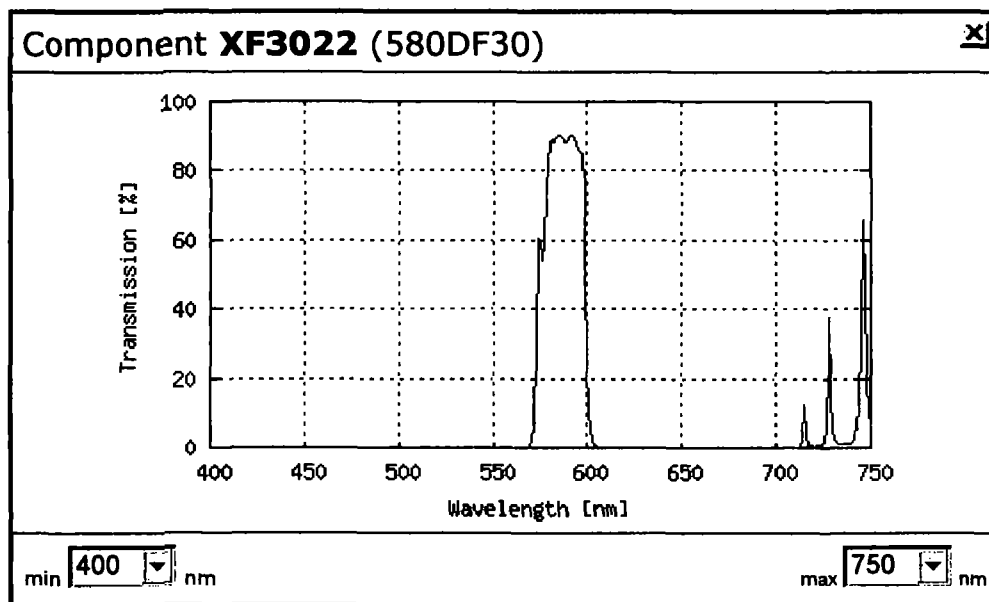
- XF01 Vivid Standard Set
- XF02-2 Vivid Plus Set
- XF03 Vivid Standard Set
- XF04-2 Ratio Imaging Set

ORDER

OMEGA OPTICAL incorporated



An interactive database of fluorophore absorption and emission spectra, along with filter set recommendations and accompanying filter spectral curves.



Showing XF3022

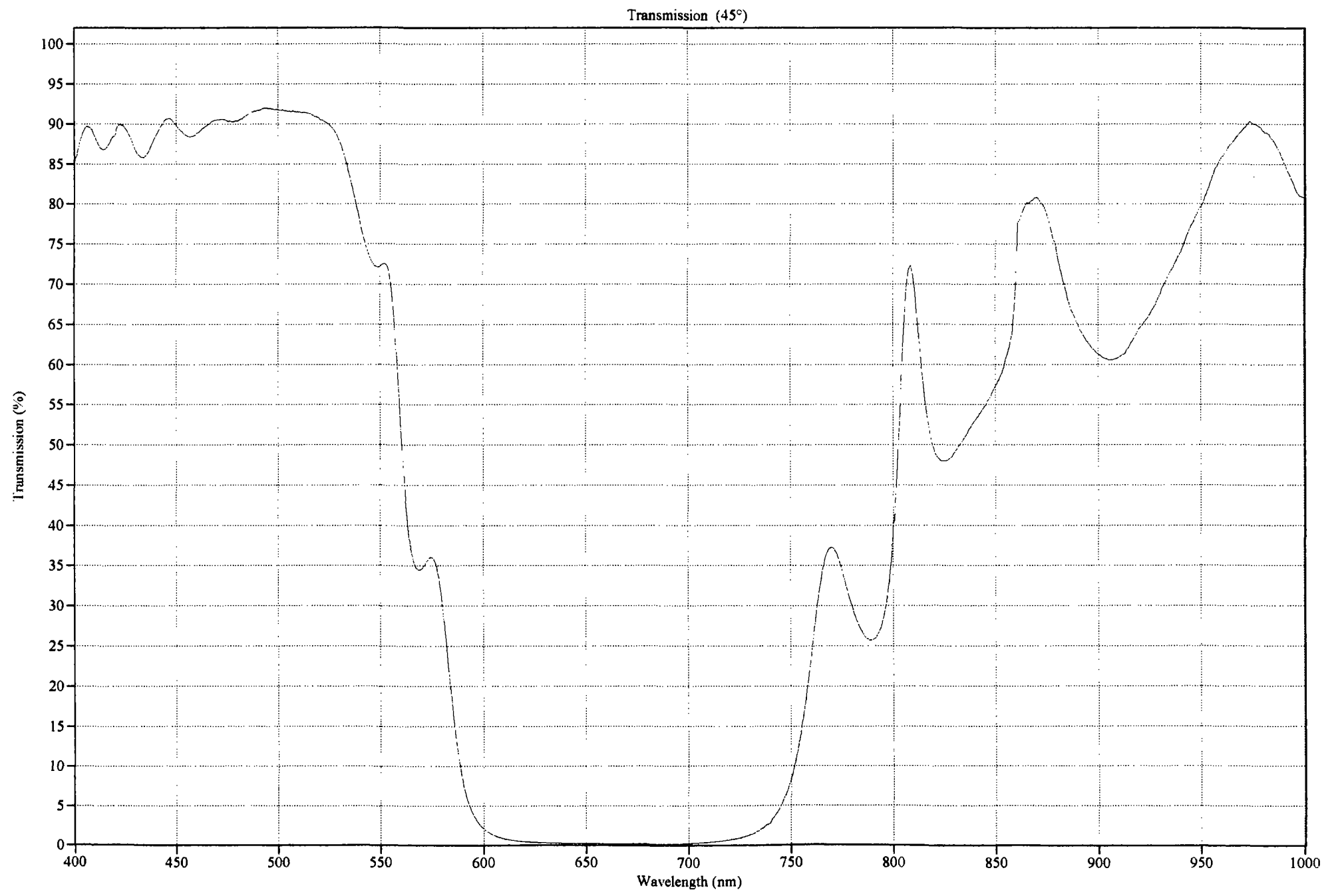
Emitter: XF3022 (580DF30)

This component is used in filter set(s)
XF152-2, XF204, XF31, XF37, XF72.

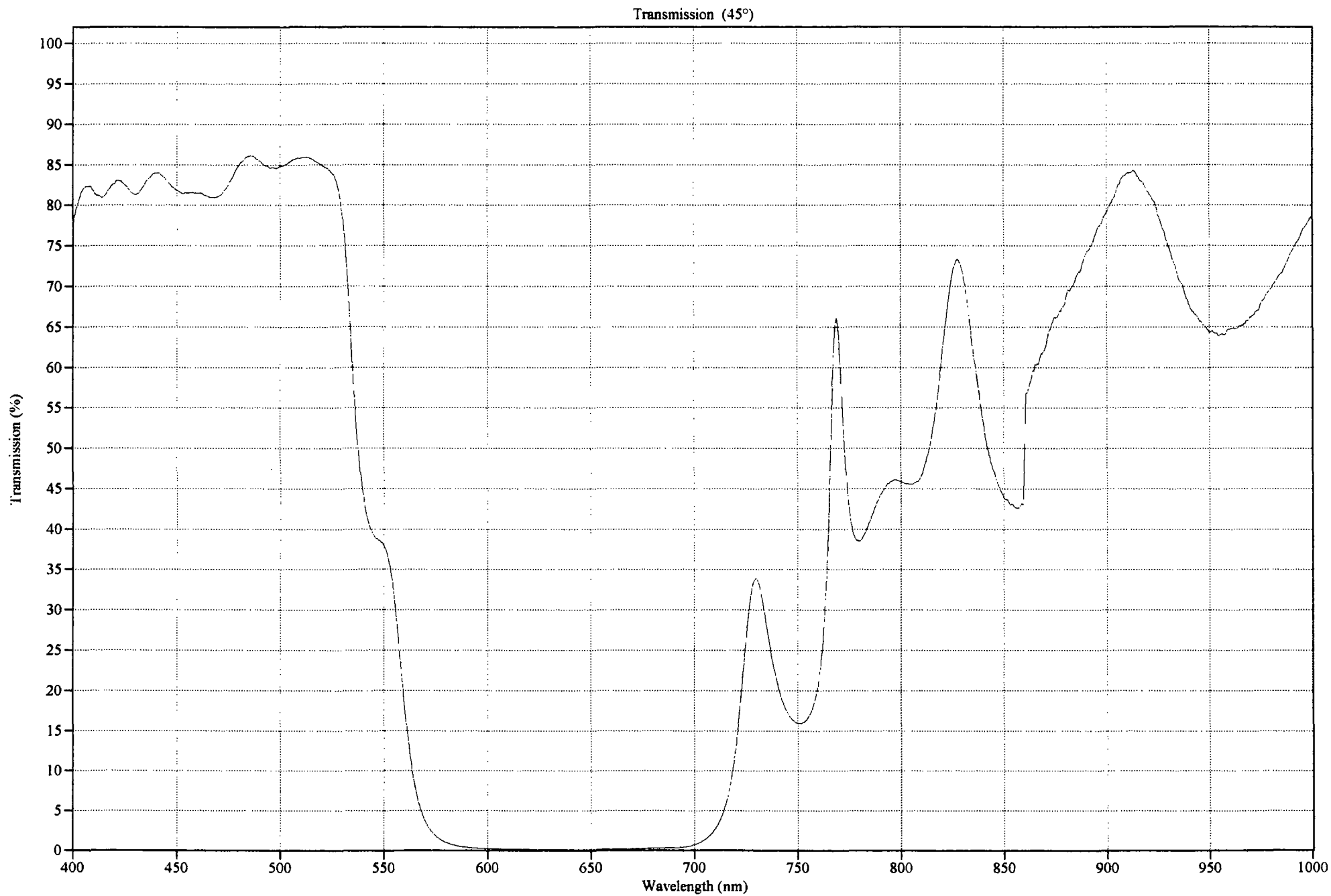
Fluorophores used with XF3022

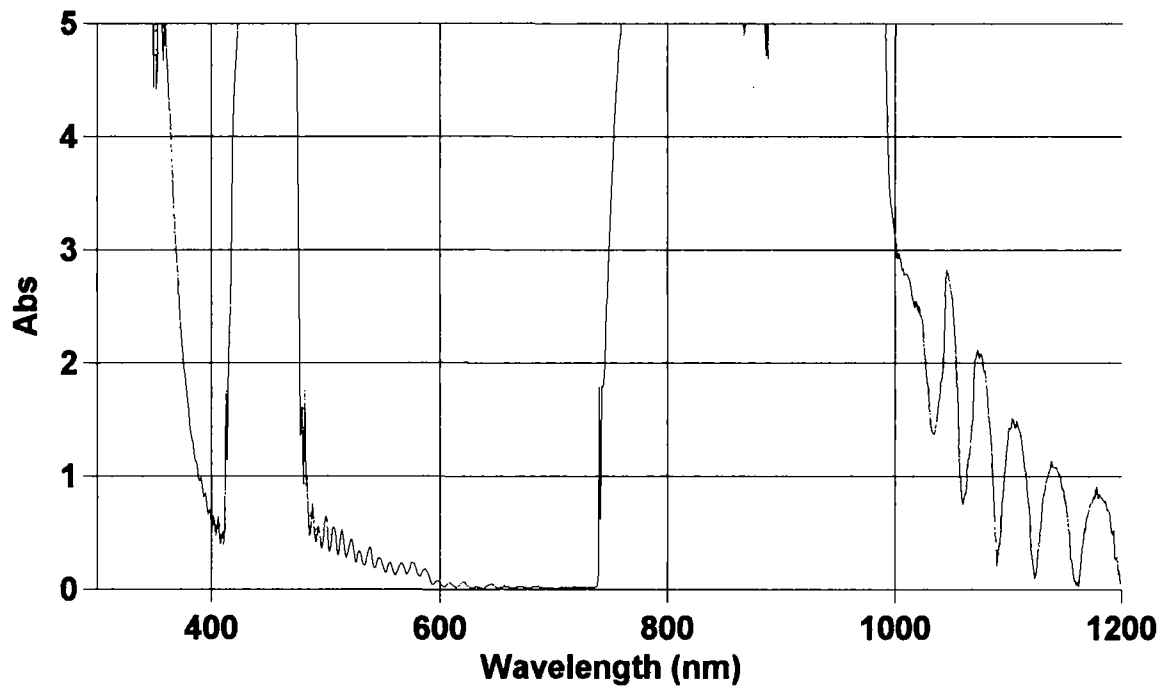
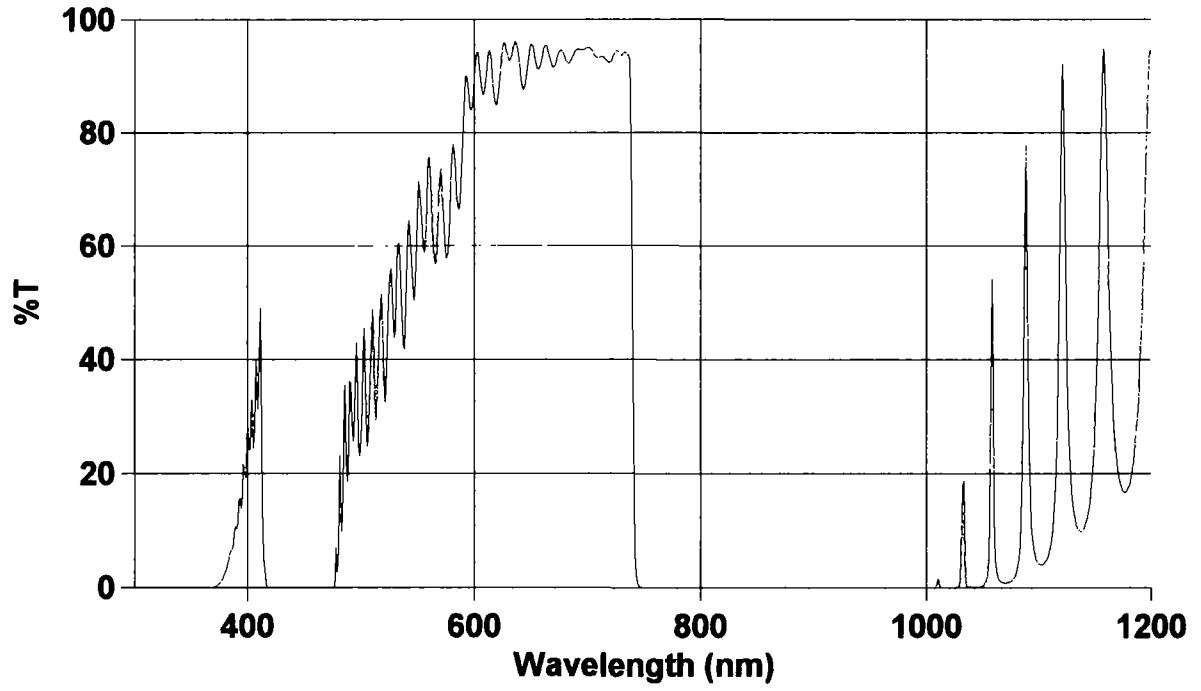
- All Filter Sets & Components**
- XF01 Vivid Standard Set
 - XF02-2 Vivid Plus Set
 - XF03 Vivid Standard Set
 - XF04-2 Ratio Imaging Set

561DCSP 42472



541DCSP 42473





3rd 740SP ; Batch 16665 ; Patent Pending ; rk