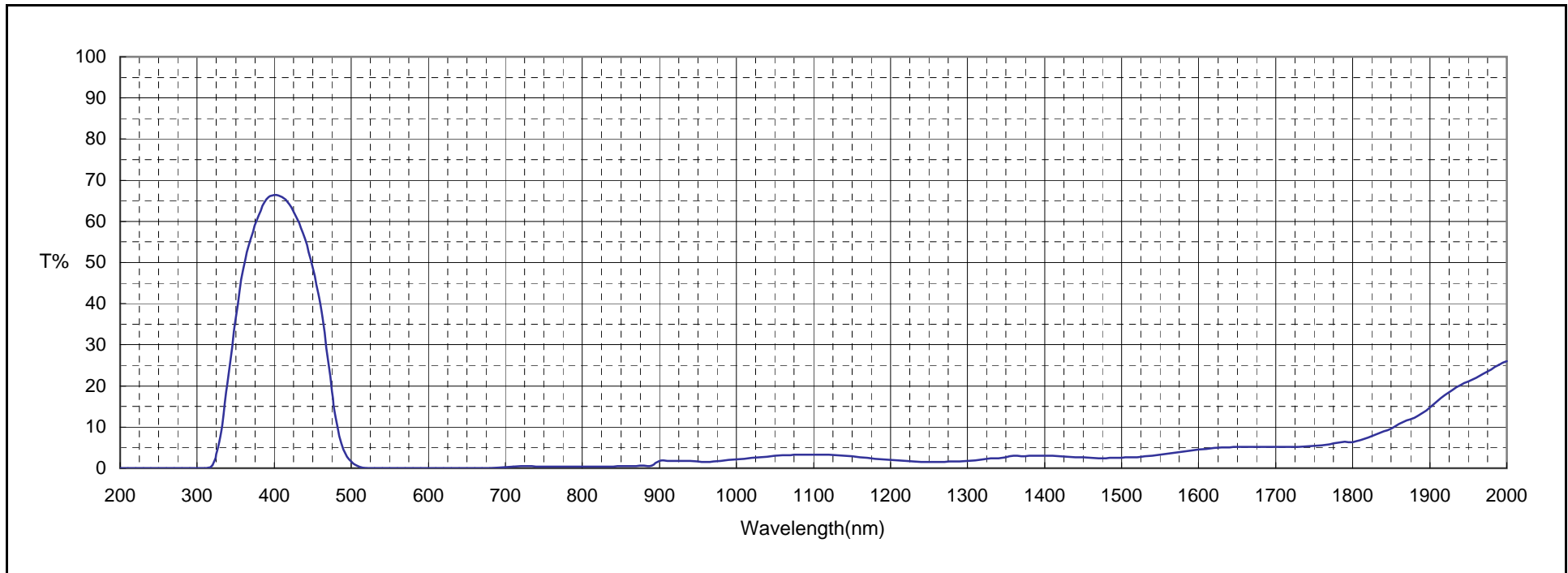


SPECTRUM DATA(NIR)

OPTIMA QB24

DATE : Sep.02. 1999

Wavelength(nm)	220	240	260	280	300	320	340	360	380	400	420	440	460	480	500
Transmissivity(%)	0.000	0.000	0.000	0.000	0.000	0.813	21.964	48.356	61.449	66.467	64.148	55.819	39.686	12.407	1.610
Wavelength(nm)	520	540	560	580	600	620	640	660	680	700	720	740	760	780	800
Transmissivity(%)	0.062	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.009	0.310	0.481	0.411	0.373	0.347	0.338
Wavelength(nm)	820	840	860	880	900	920	940	960	980	1000	1020	1040	1060	1080	1100
Transmissivity(%)	0.361	0.407	0.505	0.589	1.794	1.769	1.756	1.570	1.761	2.126	2.471	2.837	3.098	3.283	3.341
Wavelength(nm)	1130	1160	1190	1220	1250	1280	1310	1340	1370	1400	1430	1460	1490	1520	1550
Transmissivity(%)	3.105	2.597	2.107	1.761	1.537	1.606	1.927	2.439	2.891	3.011	2.757	2.471	2.478	2.677	3.256
Wavelength(nm)	1580	1610	1640	1670	1700	1730	1760	1790	1820	1850	1880	1910	1940	1970	2000
Transmissivity(%)	3.978	4.713	5.095	5.205	5.159	5.176	5.588	6.411	7.415	9.648	12.208	16.292	20.148	22.992	26.058



Color Glass Filter (OPTIMA INC. JAPAN)

- 1) Model : OPTIMA QB24
- 2) Melt No. 011106
- 3) Size : 50mm x 50mm x2mm t
- 4) Test No : 991007

Inspector : Technomart Inc. Eng. Div.

SEO, IL-SOO