

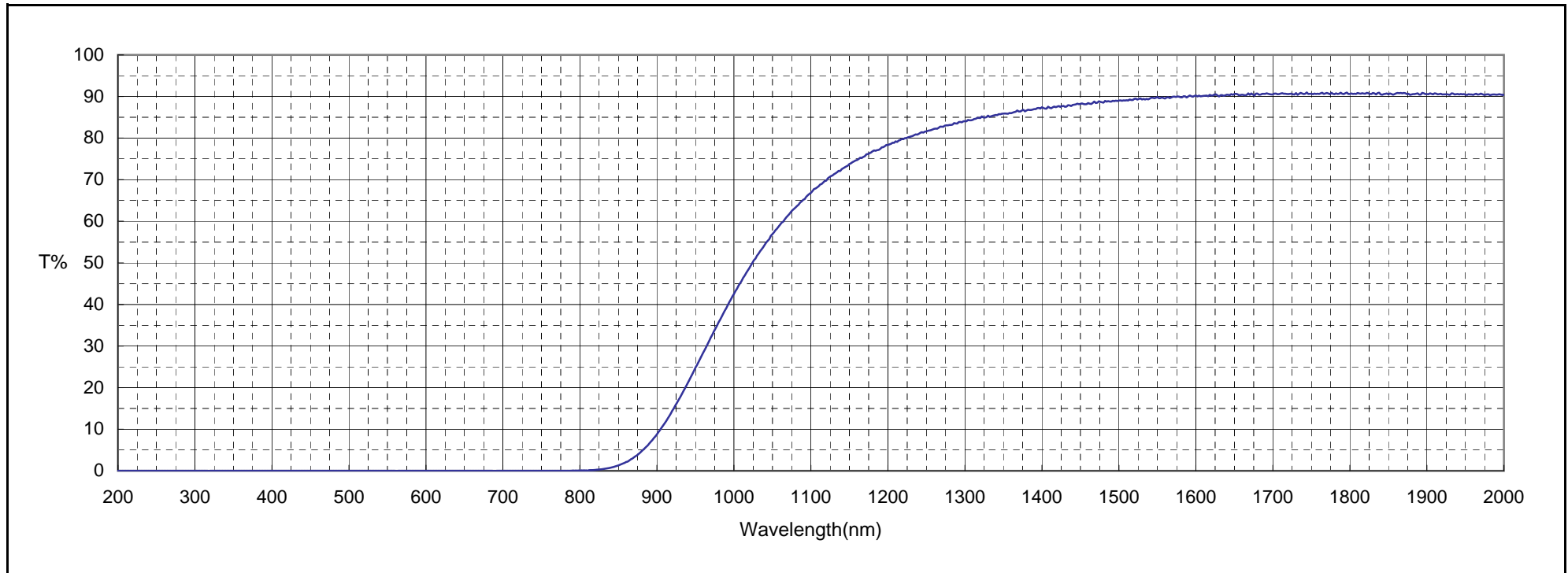
SPECTRUM DATA(NIR)

OPTIMA

HWB4

DATE : July 24, 2001

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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Wavelength(nm)	520	540	560	580	600	620	640	660	680	700	720	740	760	780	800
Transmissivity(%)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0461
Wavelength(nm)	820	840	860	880	900	920	940	960	980	1000	1020	1040	1060	1080	1100
Transmissivity(%)	0.2169	0.7605	2.1147	4.6974	8.7628	14.451	21.104	28.376	35.69	42.516	48.726	54.321	59.196	63.318	66.84
Wavelength(nm)	1130	1160	1190	1220	1250	1280	1310	1340	1370	1400	1430	1460	1490	1520	1550
Transmissivity(%)	71.318	74.73	77.412	79.729	81.625	83.149	84.355	85.546	86.409	87.433	87.523	88.418	88.752	89.423	89.897
Wavelength(nm)	1580	1610	1640	1670	1700	1730	1760	1790	1820	1850	1880	1910	1940	1970	2000
Transmissivity(%)	89.813	90.158	90.425	90.389	90.51	90.807	90.62	90.679	90.682	90.525	90.475	90.764	90.612	90.703	90.408



Color Glass Filter (OPTIMA INC. JAPAN)

- 1) Model : OPTIMA HWB4
- 2) Melt No.: 971224
- 3) Size : 50mm x 50mm x2mm t
- 4) Test No : 010705

Inspector : Technomart Inc. Eng. Div.

SEO, IL-SOO