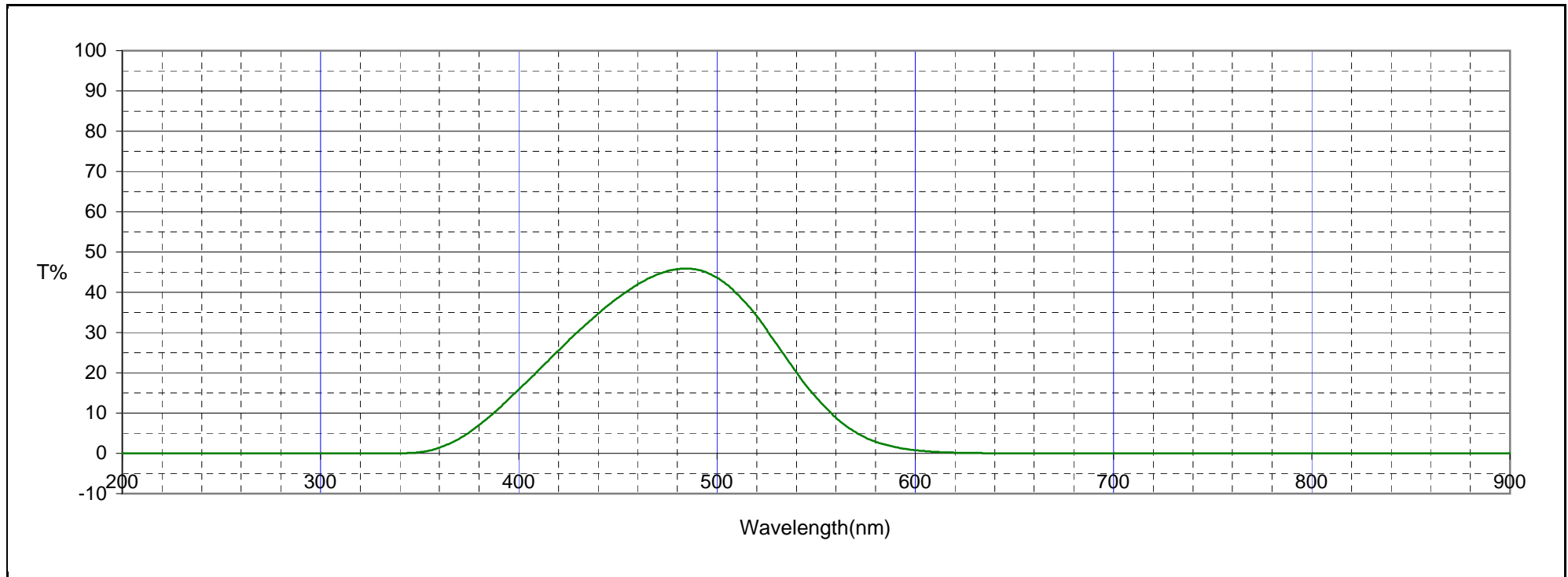


SPECTRUM DATA

OPTIMA QB9

DATE : July, 31. 1998

Wavelength(nm)	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340
Transmissivity(%)	0.008	0.008	0.008	0.008	0.007	0.005	0.005	0.005	0.005	0.007	0.007	0.005	0.007	0.007	0.017
Wavelength(nm)	350	360	370	380	390	400	410	420	430	440	450	460	470	480	490
Transmissivity(%)	0.283	1.401	3.684	7.039	11.218	15.868	20.618	25.548	30.258	34.688	38.628	41.958	44.448	45.728	45.598
Wavelength(nm)	500	510	520	530	540	550	560	570	580	590	600	610	620	630	640
Transmissivity(%)	43.618	39.668	34.088	27.188	20.098	13.898	8.847	5.201	2.893	1.545	0.776	0.374	0.179	0.086	0.042
Wavelength(nm)	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
Transmissivity(%)	0.017	0.010	0.008	0.008	0.008	0.008	0.008	0.007	0.005	0.005	0.007	0.007	0.007	0.007	0.007
Wavelength(nm)	800	820	830	840	850	860	870	880	890	900					
Transmissivity(%)	0.007	0.007	0.008	0.005	0.007	0.003	0.007	0.003	0.003	0.003					



Color Glass Filter (OPTIMA INC. JAPAN)

- 1) Model : OPTIMA QB9 (SCHOTT NG1 Equivalent)
- 2) Melt No.: 971004
- 3) Size : 50mm x 50mm x 2mm t
- 4) Test No.: 9807-022

Inspector : Technomart Inc. Eng. Div.

SEO, IL-SOO