



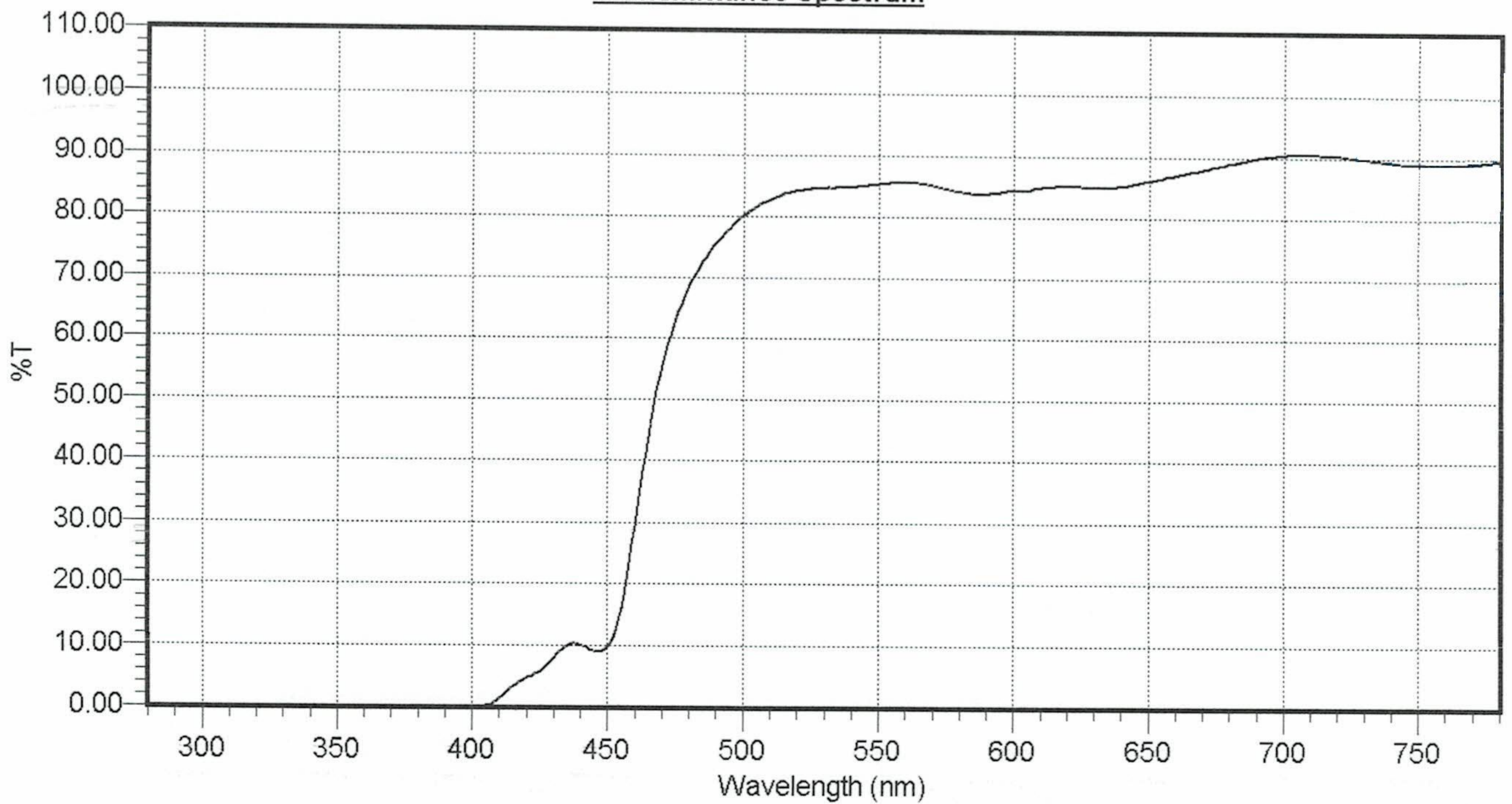
## Sunglasses Certification Report

Standard: EN ISO 12312-1:2013 (A1:2015)

Sample Name: KERATO YELLOW

Item	Value	Requirement	Result
Filter Category	0		
Luminous Transmittance Tv	82.88%	>= 80%	PASS
Incandescent Lights			
Q, Red	1.02	>= 0.80	PASS
Q, Yellow	1.02	>= 0.60	PASS
Q, Green	1.01	>= 0.60	PASS
Q, Blue	0.87	>= 0.60	PASS
LED Signal Lights			
Q, Red	1.02	>= 0.80	PASS
Q, Yellow	1.01	>= 0.60	PASS
Q, Green	0.97	>= 0.60	PASS
Q, Blue	0.62	>= 0.60	PASS
Tmin (475 - 650nm)	63.17%	>= 16.58% (0.2Tv)	PASS
Tsuva (315 - 380nm)	0.00%	<= 82.88% (Tv)	PASS
Tsuvb (280 - 315nm)	0.00%	<= 4.14% (0.05Tv)	PASS
Tsuv (280 - 380nm)	0.00%		
Tsb (380 - 500nm)	26.15%		
Road Use and Driving			PASS
Driving In Twilight or At Night	82.88%	Tv >= 75%	PASS

Transmittance Spectrum



Spectrum Data:

nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T
280	0.000	290	0.000	300	0.000	310	0.000	320	0.000	330	0.000	340	0.000	350	0.000
360	0.000	370	0.000	380	0.000	390	0.000	400	0.000	410	1.448	420	4.750	430	8.104
440	10.088	450	9.874	460	29.670	470	55.607	480	68.768	490	75.736	500	80.150	510	82.877
520	84.187	530	84.666	540	84.840	550	85.302	560	85.642	570	85.129	580	84.172	590	83.875
600	84.376	610	84.885	620	85.188	630	84.935	640	85.187	650	86.046	660	87.019	670	87.933
680	88.924	690	89.821	700	90.397	710	90.510	720	90.283	730	89.695	740	89.244	750	88.981
760	89.004	770	89.159	780	89.578										