

TRANSMITTANCE SPECTRA OF SYNTONIC FILTERS

Wavelength nm	ALPHA	DELTA	THETA	OMEGA	UPSIL	MU	LAMBDA	PI	D	N	S
380	0	4	0	83	43	0	29	76	80	62	0
400	0	3	0	79	64	0	51	83	82	62	0
420	0	2	0	66	71	0	62	84	81	35	0
440	0	4	0	47	70	0	63	83	79	11	0
460	0	7	0	25	63	1	57	81	76	3	0
480	0	13	0	5	43	5	35	73	66	1	0
500	0	23	0	0	19	16	13	69	49	0	10
520	0	35	26	0	5	27	3	41	31	0	57
540	0	48	76	0	2	25	1	24	19	0	75
560	0	58	82	0	1	14	1	10	26	1	79
580	0	65	85	0	1	5	0	4	16	1	80
600	0	69	86	0	0	1	0	1	10	2	81
620	9	71	87	0	0	0	0	0	10	4	81
640	76	71	88	0	0	0	0	0	9	5	81
660	84	69	88	0	0	0	0	0	13	7	81
680	85	67	88	0	0	0	0	1	34	10	81
700	86	64	88	12	0	0	0	1	69	13	81
720	86	62	88	59	0	0	0	9	82	16	81
740	86	59	87	82	0	0	0	41	84	20	81
760	85	56	87	88	0	0	0	78	84	26	81
780	85	54	87	88	0	0	0	88	84	32	81
800	85	51	87	88	0	0	0	89	84	39	81
Kopp Glass	2404	3307	3486	5850	5031	4010	5433	5031	5572	5070	3780
Page no.	24	26	24	16	18	22	18	18	32	32	26
CS Number	2-59	3-77	3-69	7-59	5-61	4-64	5-59	5-56	1-61	7-62	3-80

Avail from Mooney Precision Glass (203) 749-2275

KOPP COLOR FILTER GLASS

ALPHA  $\infty$

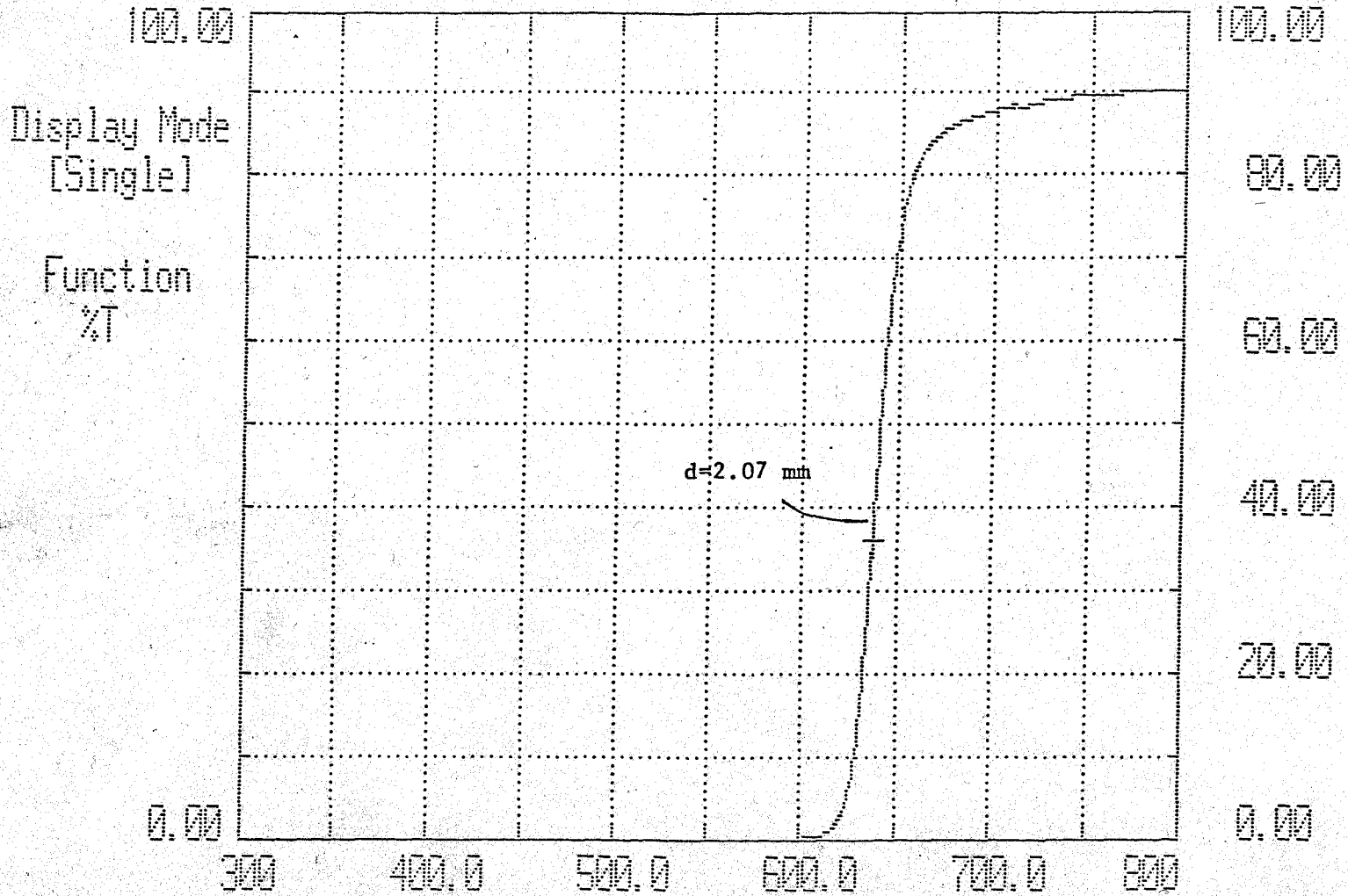
Code: C 2404

Color: Dark Red

Date of Production: 8-13-1987

Prescribed Thickness: d=2 mm

Scan # 01.01



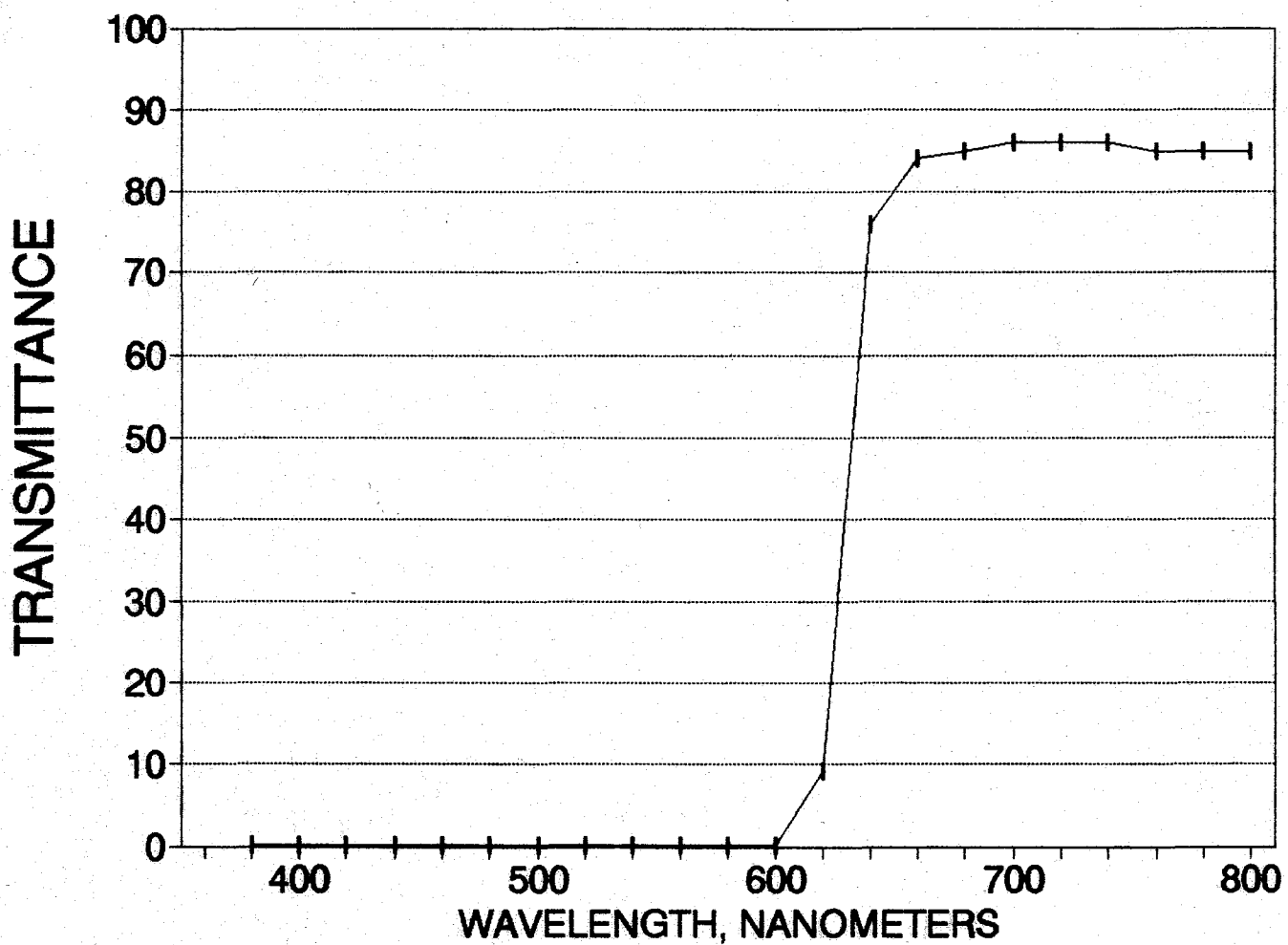
600 nm/min

TRACE

$\lambda$	%T	SOURCE	MODE	$\lambda$	%T
900.0	87.34	Visible	Scan	636.5	35.37

15

# FILTER: ALPHA



KOPP COLOR FILTER GLASS

DELTA 8

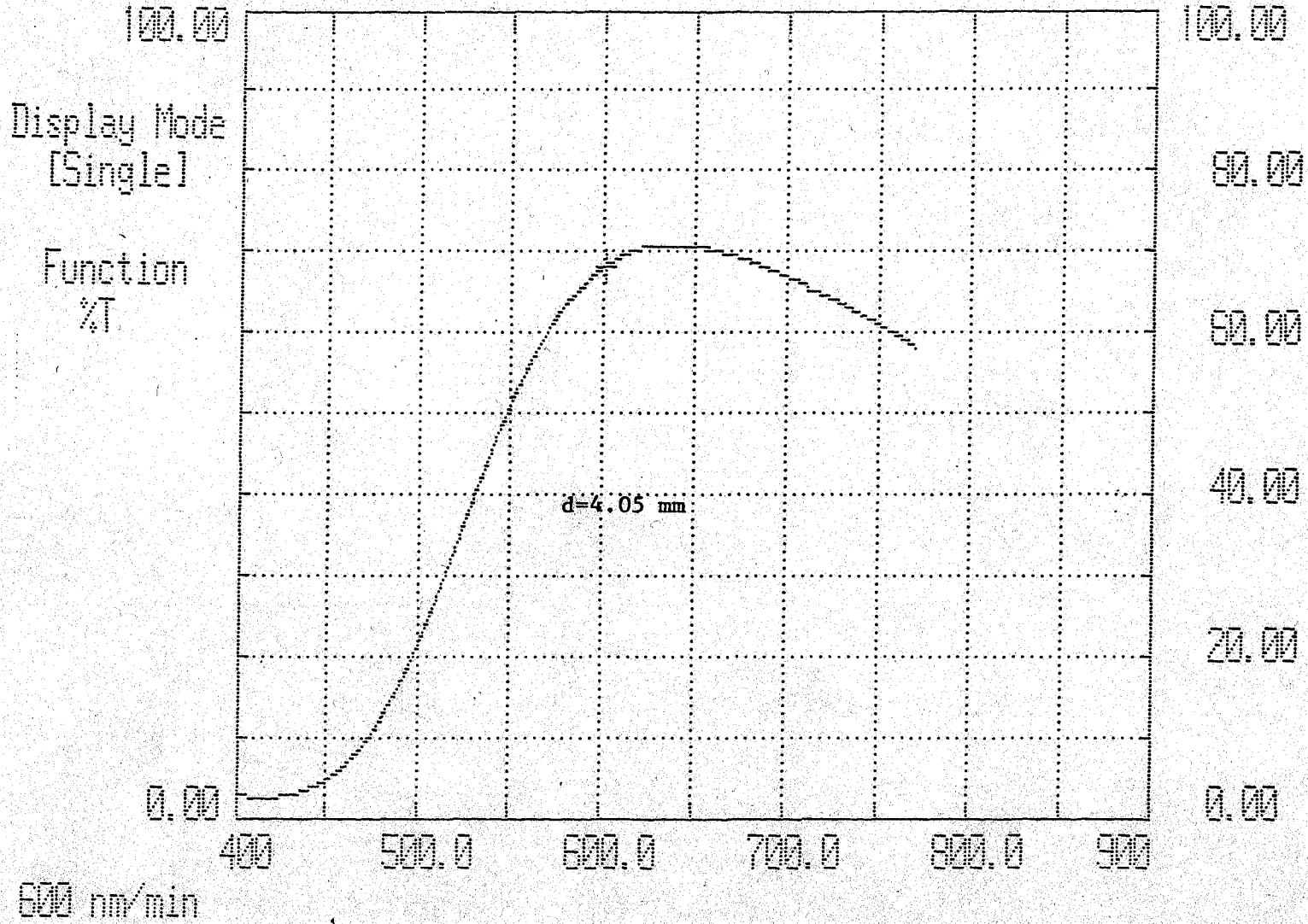
Code: C 3307

Color: Amber

Date of Production: 11-20-1987

Prescribed Thickness: d=3.72 mm

Scan # 01.14



TRACE

$\lambda$   
770.0

%T  
99.14

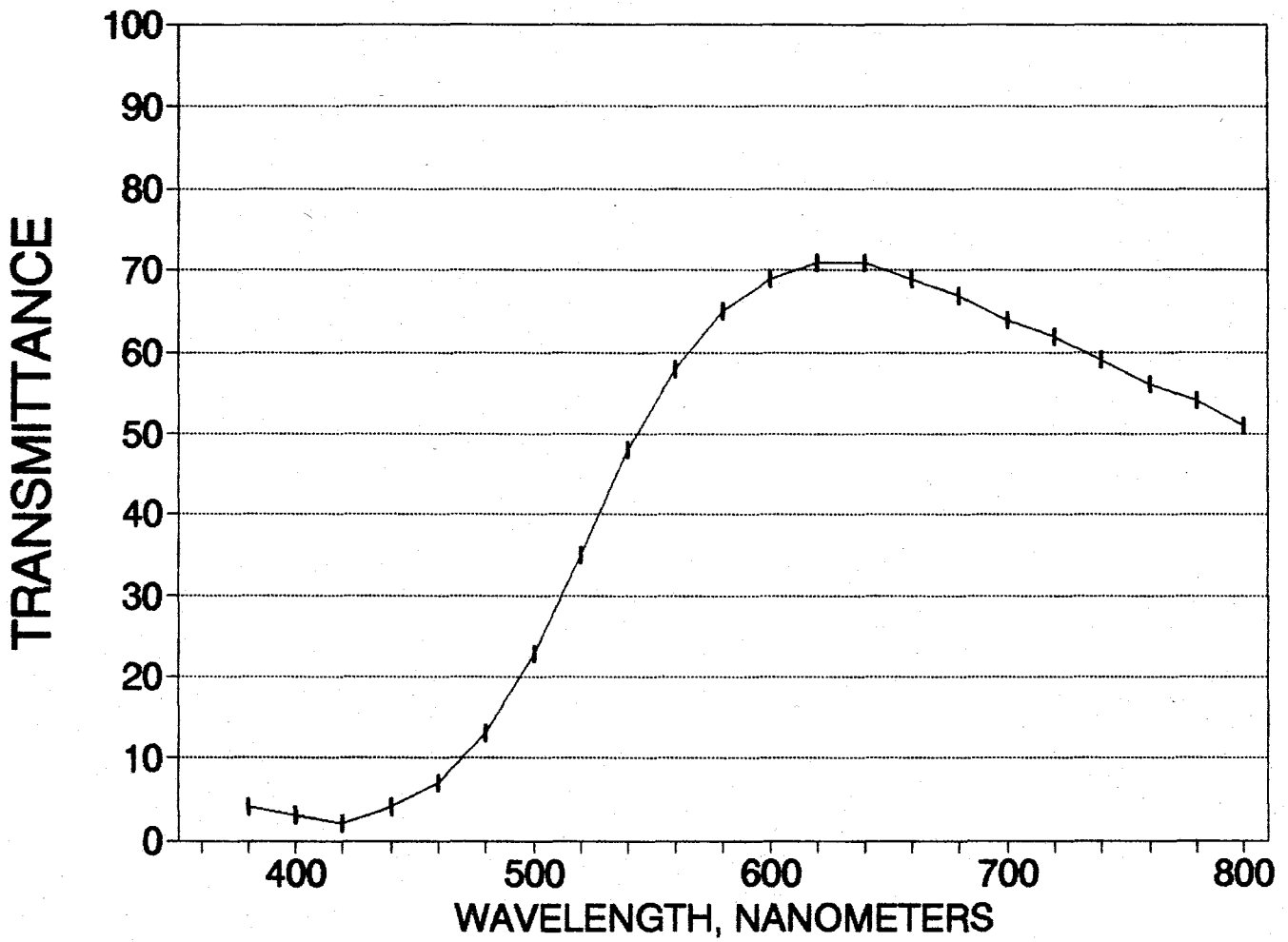
SOURCE  
Visible

MODE  
Scan

$\lambda$   
600.0

%T  
69.34

# FILTER: DELTA



KOPP COLOR FILTER GLASS

THETA  $\odot$

Code: K 3486

Color: Yellow

Date of Production: 3-20-1985

Prescribed Thickness: d= 3.58 mm

3-21-1985

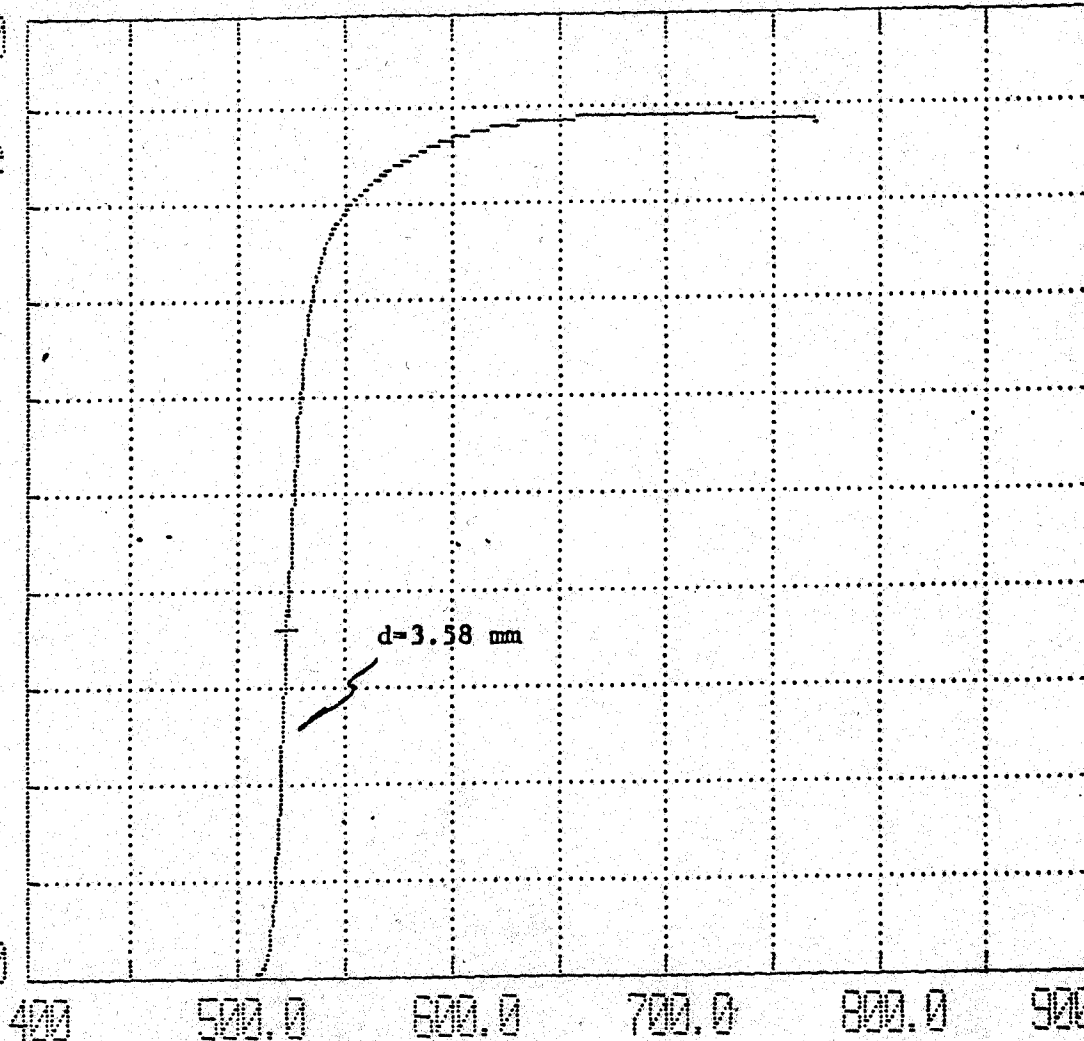
Scan # 01.02

Display Mode  
[Single]

Function  
%T

100.00

0.00



100.00

80.00

60.00

40.00

20.00

0.00

600 nm/min

TRACE

$\lambda$   
770.0

%T  
88.57

SOURCE  
Visible

MODE  
Scan

$\lambda$   
522.0

%T  
36.14

3.2  
46  
78

17

KOPP COLOR FILTER GLASS

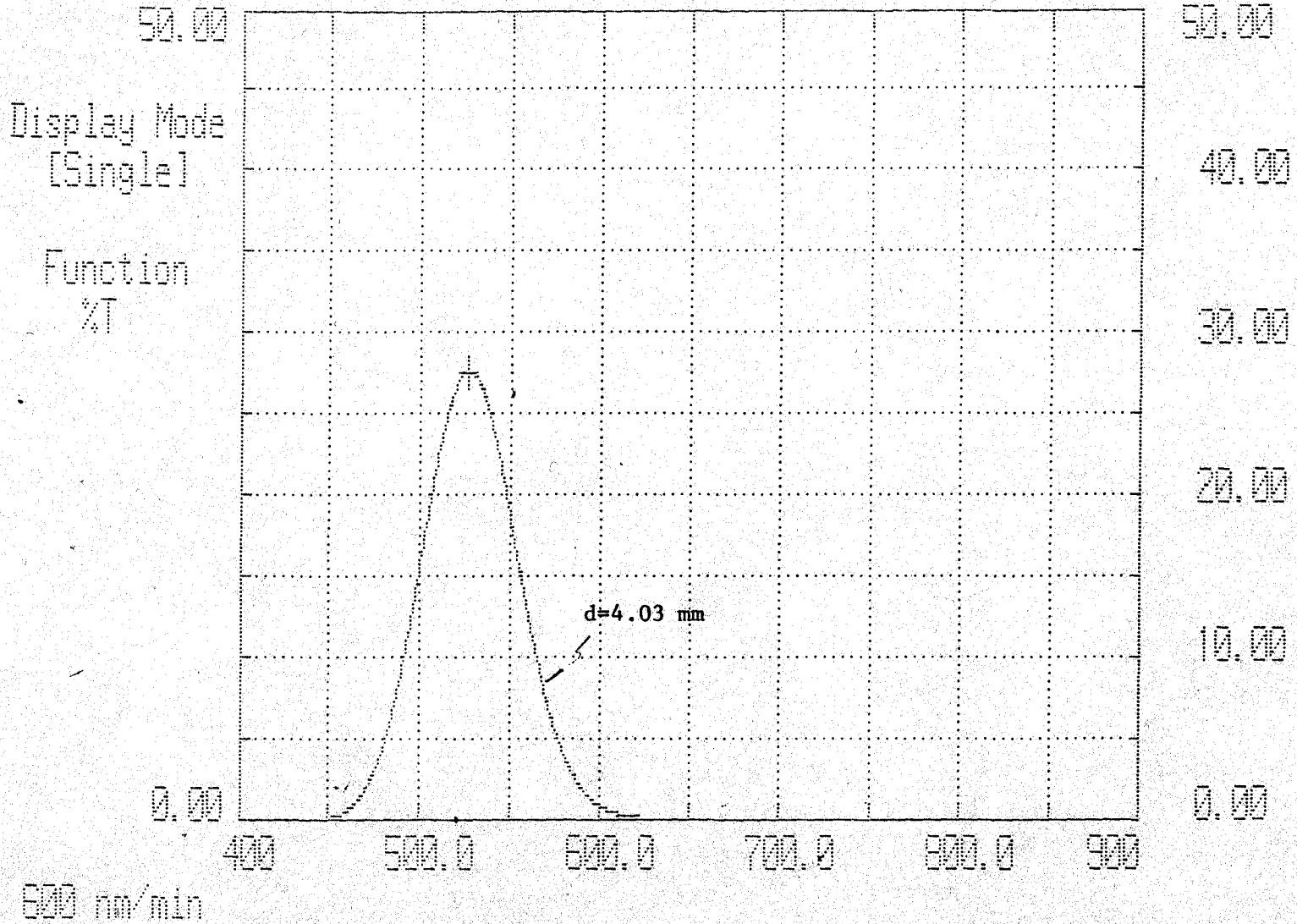
MU  $\mu$

Code: C 4010(CS 4-64)

Color: Dark green

Date of Production: 3-5-1985

Prescribed Thickness: d=4.38 mm # 01.05



18

---

TRACE

$\lambda$	%T	SOURCE	MODE	$\lambda$	%T
770.0	0.00	Visible	Scan	525.5	27.76

KOPP COLOR FILTER GLASS.

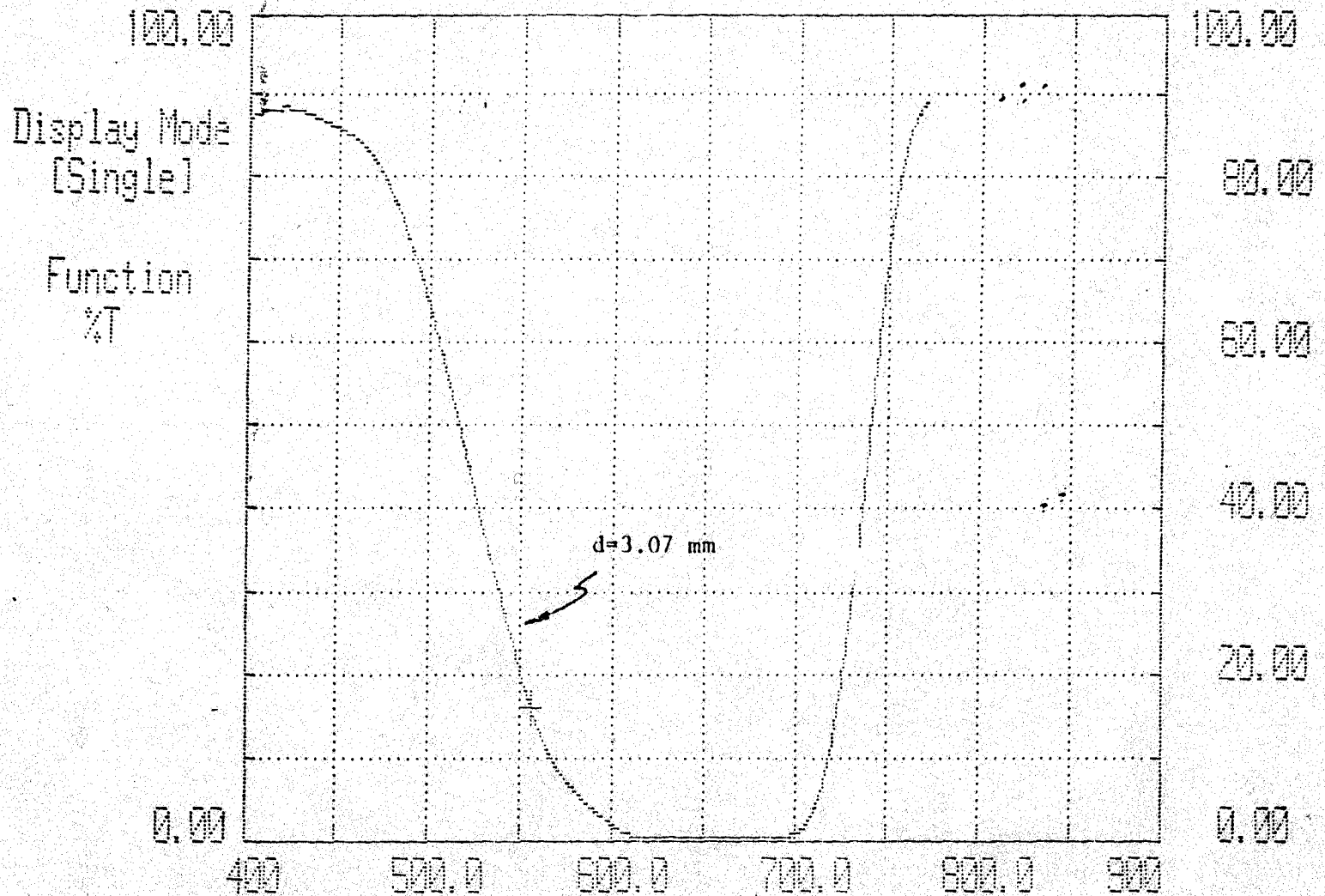
PI II

Code: K 5031(CS 5-56)

Date of Production: 8-3-1984

Prescribed Thickness:  $d=3.22$  mm ( $TA_{555}=15\%$ )

Scan # 01.01



600 nm/min

TRACE

$\lambda$	%T	SOURCE	MODE	$\lambda$	%T
770.0	89.84	Visible	Scan	555.0	16.31

19



KOPP COLOR FILTER GLASS

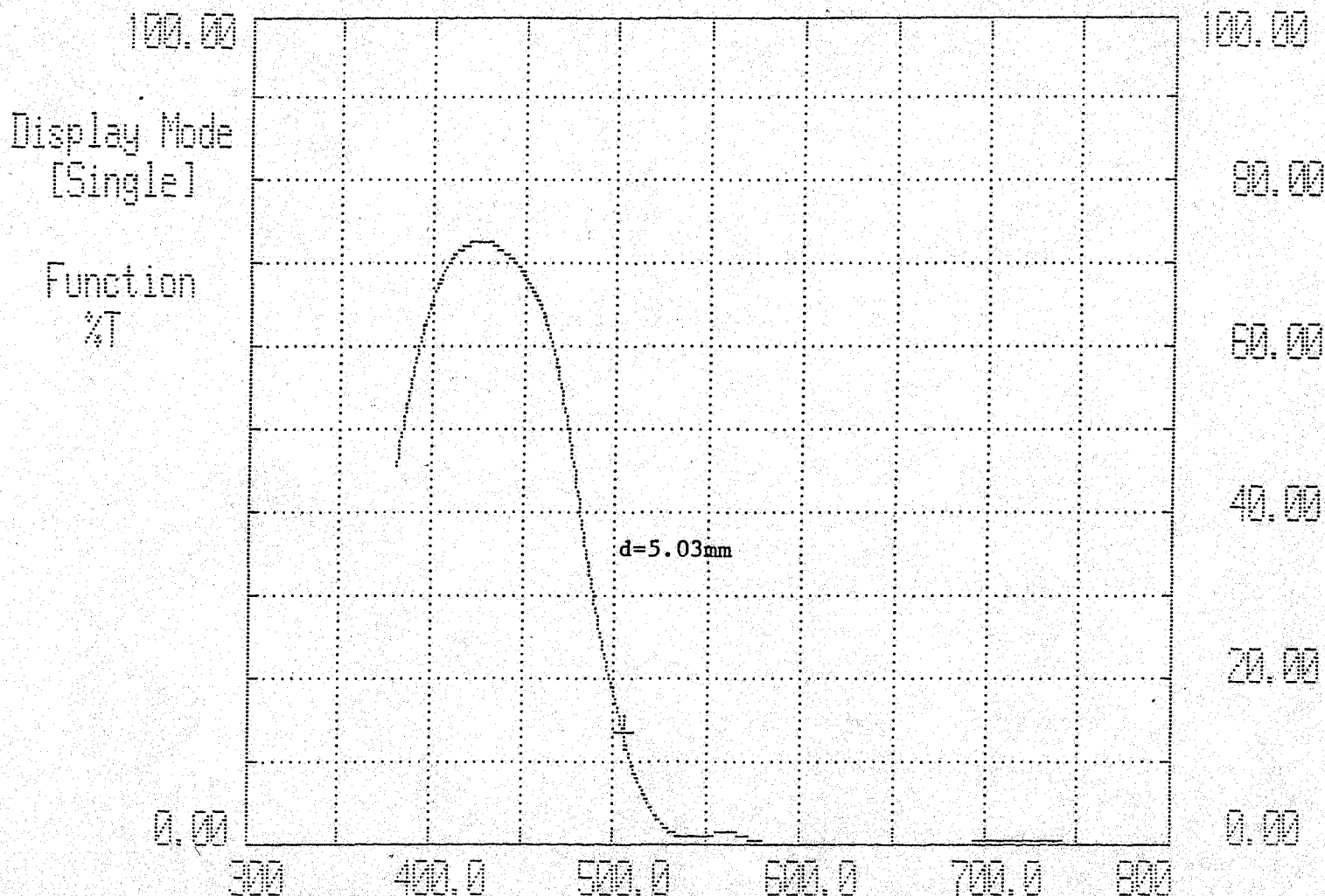
UPSILON U

Code: C 5562 Color: Blue

Date of Production: 12-23-1987

Prescribed Thickness: d=4.8mm

Scan # 01.02



TRACE					
$\lambda$	%T	SOURCE	MODE	$\lambda$	%T
770.0	0.08	Visible	Scan	505.0	13.37

20

KOPP COLOR FILTER GLASS

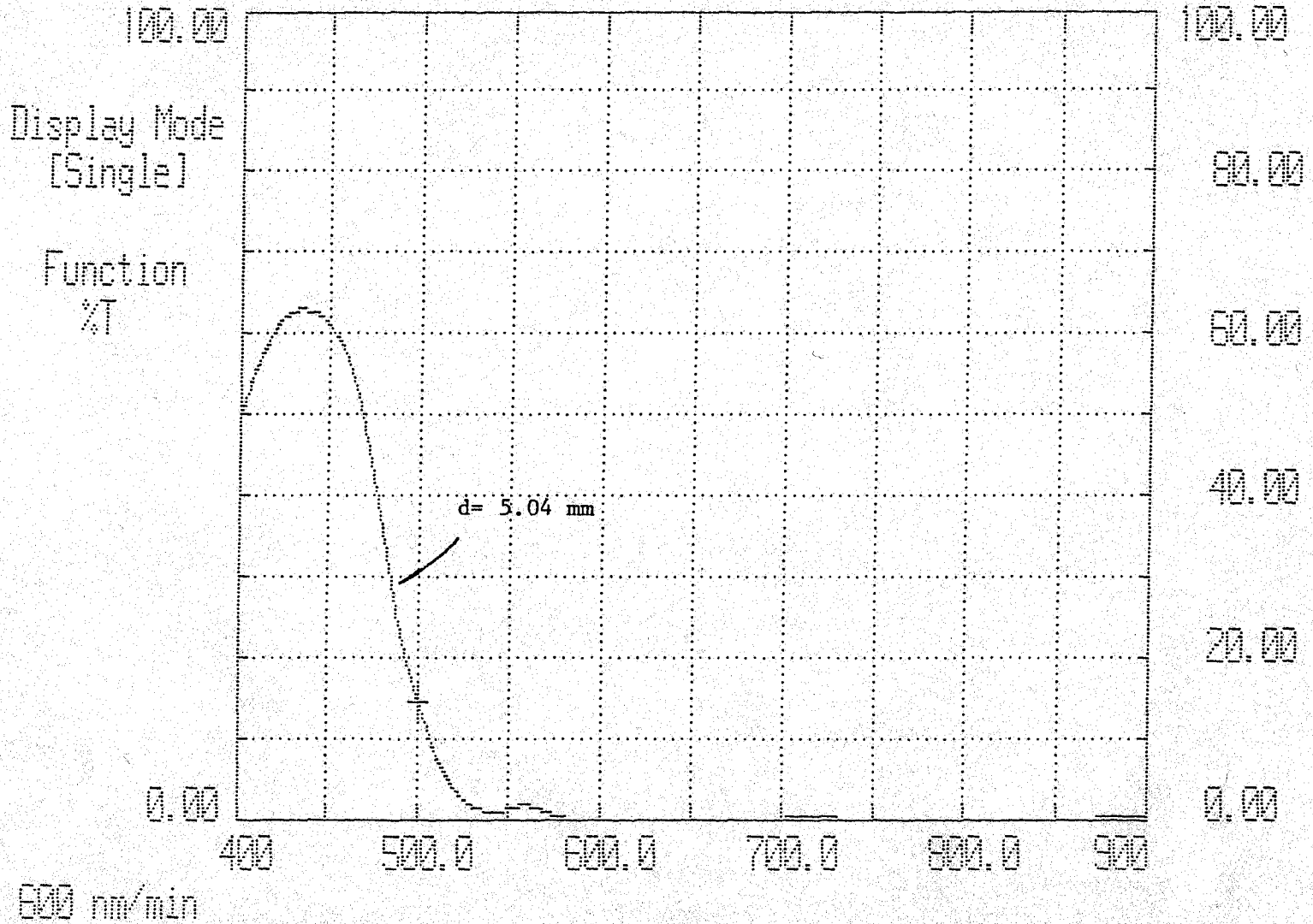
LAMBDA  $\lambda$

Code: C 5433 Color: Blue

Date of Production: 2-7-1987

Prescribed Thickness: d= 4.97 mm

Scan # 01.10

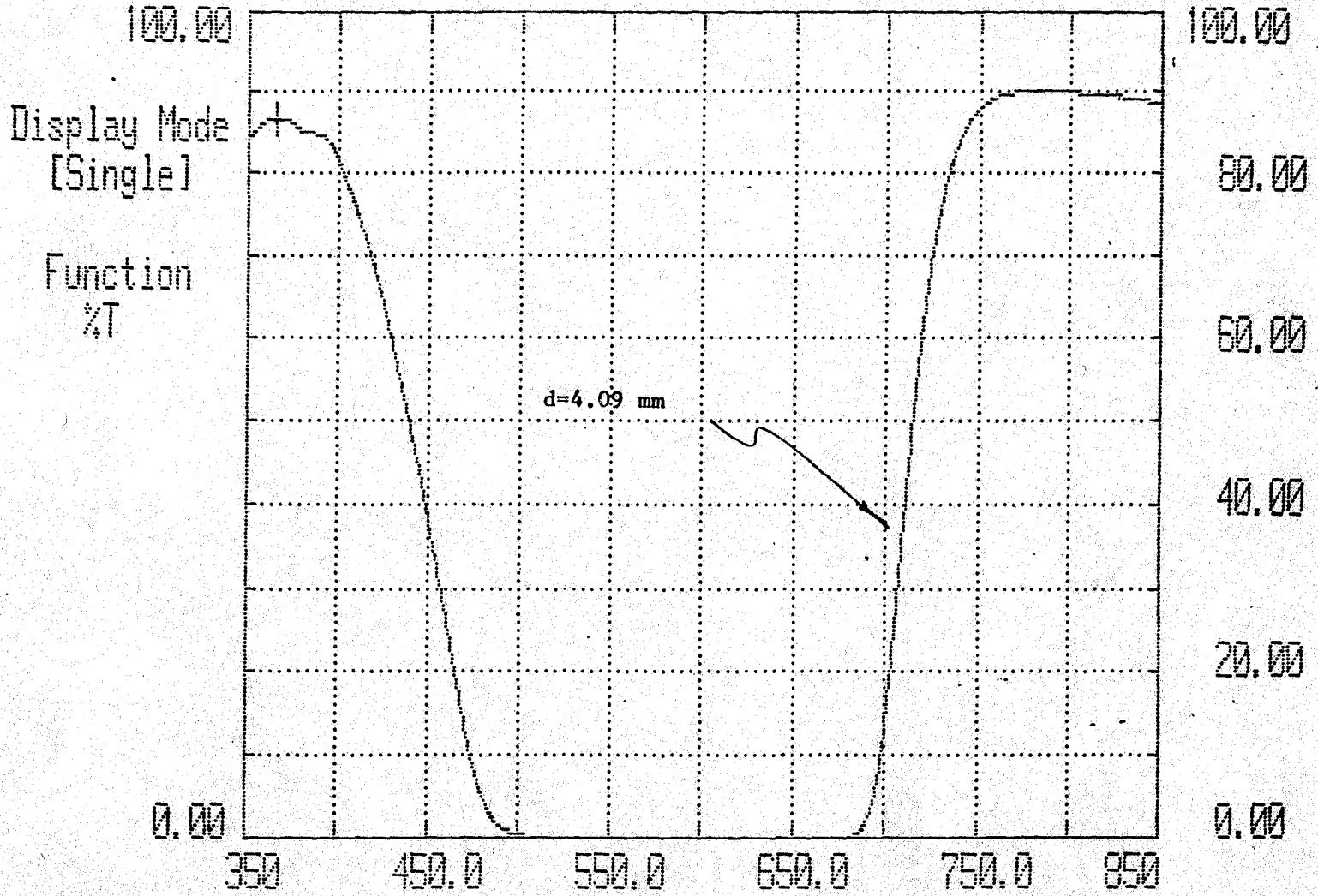


22

				TRACE	
$\lambda$	%T	SOURCE	MODE	$\lambda$	%T
900.0	109.62	Vis/UV	Scan	499.0	14.63

KOPP COLOR FILTER GLASS OMEGA W  
 Code: C 5850 Date of Production: Dec. 21, 1983  
 Prescribed Thickness  $d=4.02$  mm

Scan # 02.01

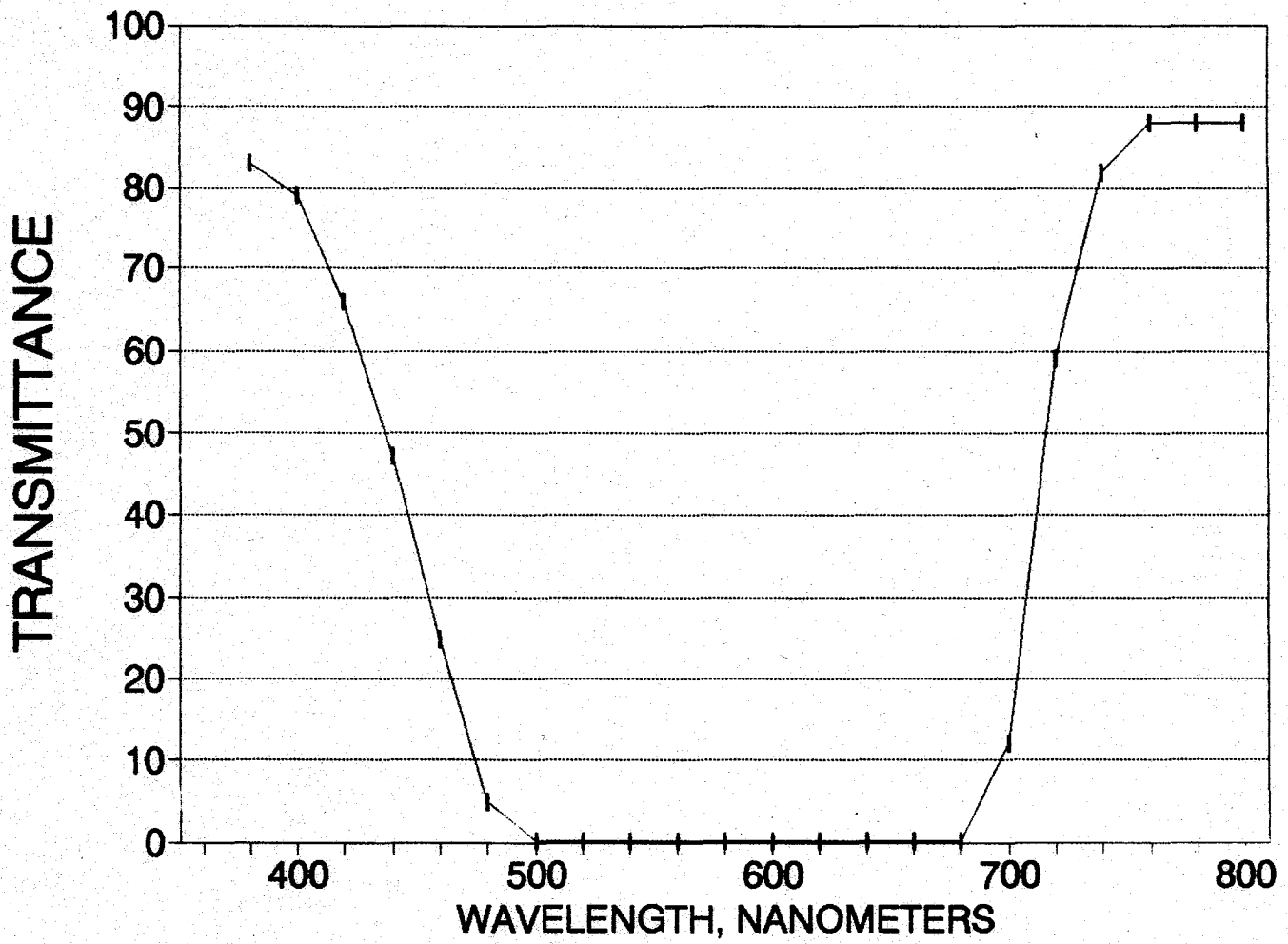


600 nm/min

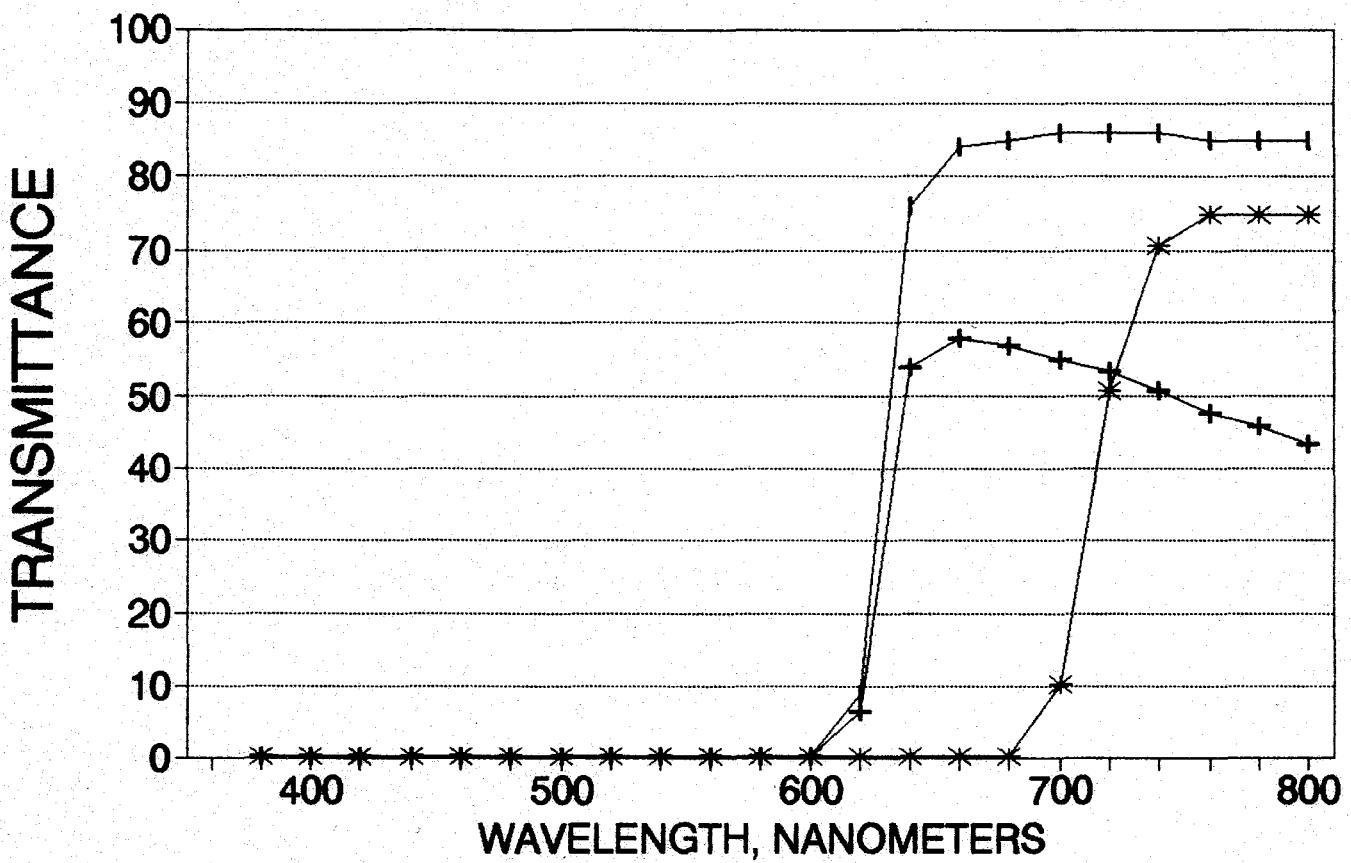
				TRACE	
$\lambda$	%T	SOURCE	MODE	$\lambda$	%T
850.0	88.90	Vis/UV	'Scan	365.0	87.12

21

# FILTER: OMEGA



# ALPHA COMBINATIONS



+ ALPHA

+ ALPHA-DELTA

\* ALPHA-OMEGA

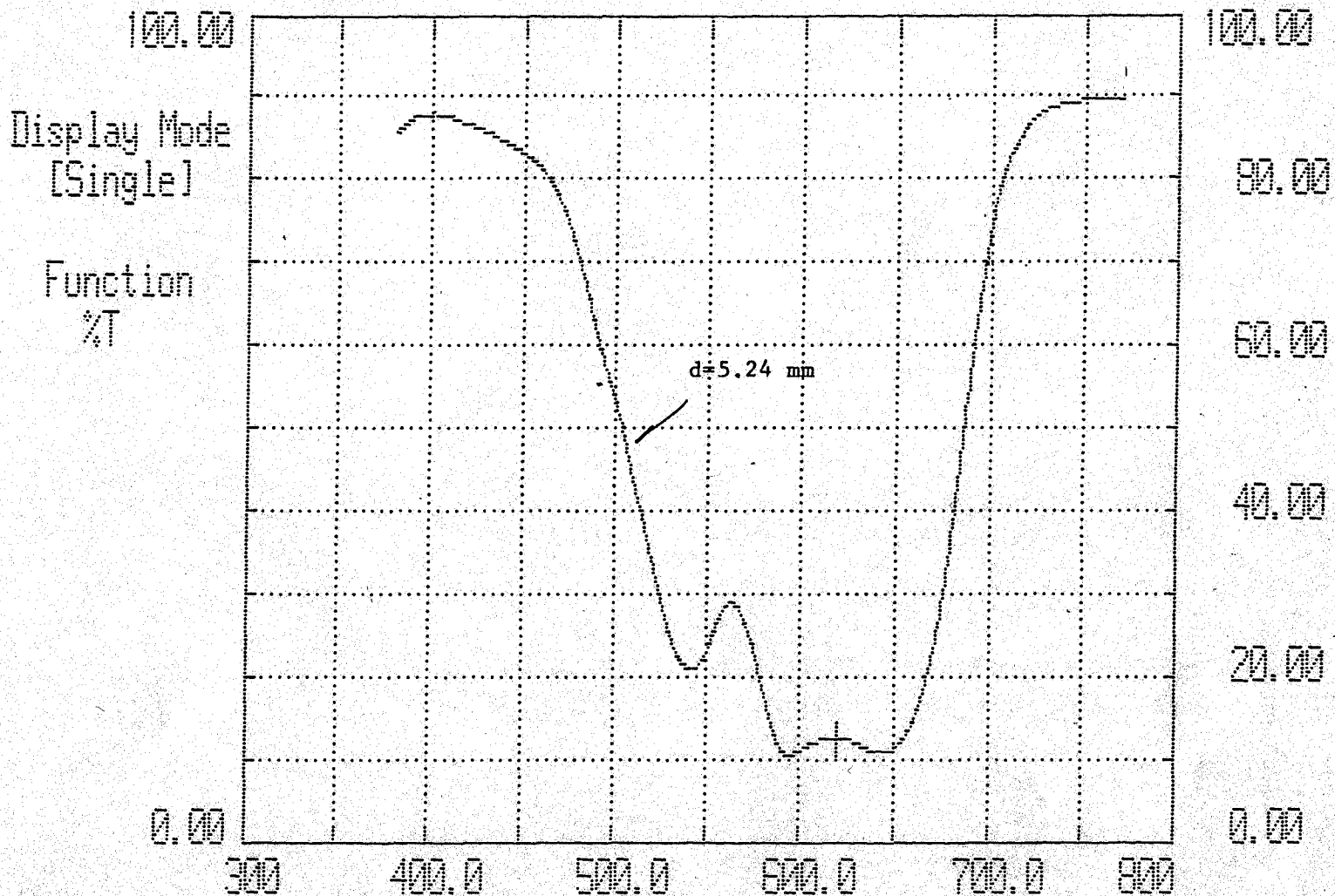
KOPP COLOR FILTER GLASS

D

Code: C 5572      Color: Blue      Date of Production: 3-25-1987

Prescribed Thickness: d=5.29 mm

Scan # 01.05



500 nm/min

TRACE					
$\lambda$	%T	SOURCE	MODE	$\lambda$	%T
770.0	100.23	Vis/UV	Scan	520.0	12.72

23

KOPP COLOR FILTER GLASS

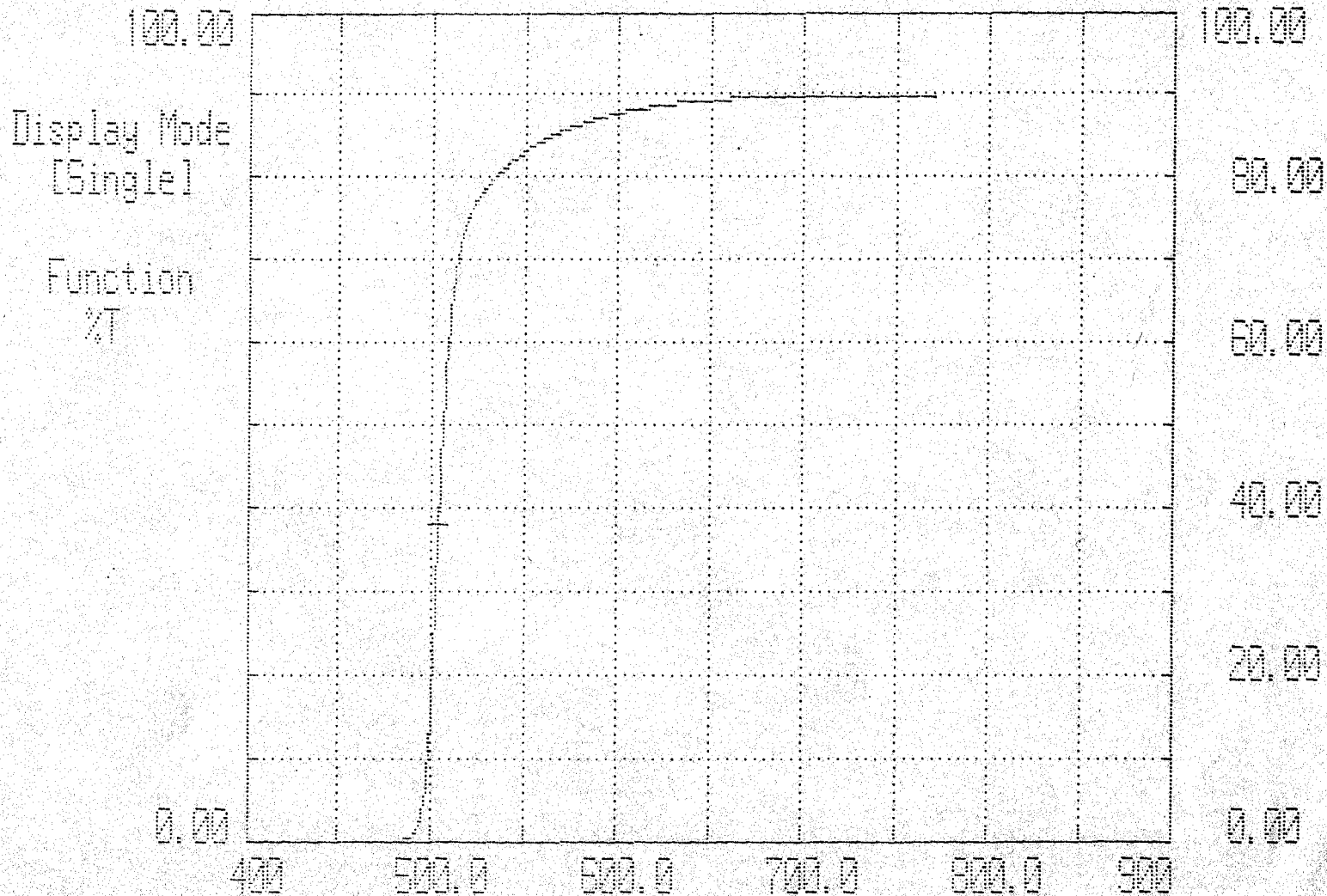
S

Code: K 3384 (CS 3-70)      Date of Production: 9-20-1984

Prescribed Thickness: d=2.01 mm

Cut Location: 503 nm

Scan # 01.01



600 nm/min

TRACE

$\lambda$	%T	SOURCE	MODE	$\lambda$	%T
770.0	89.75	Visible	Scan	503.0	38.07

24