

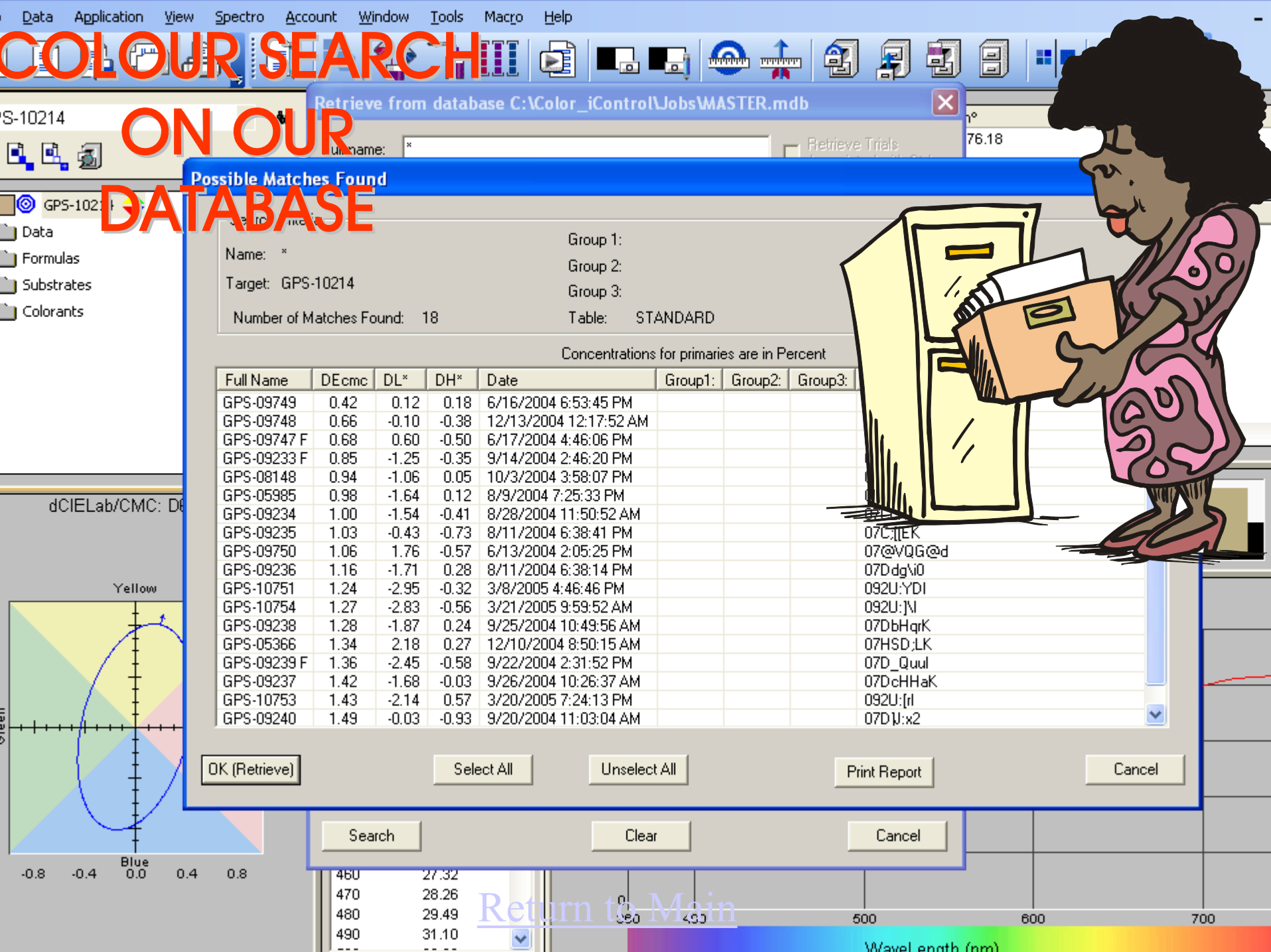
# OBJECTIVE COLOUR MATCHING AT GLOBAL PACIFIC



[Return to Main](#)







# COLOUR SEARCH ON OUR DATABASE

Retrieve from database C:\Color\_iControl\Jobs\MASTER.mdb

## Possible Matches Found

Name: \*

Target: GPS-10214

Number of Matches Found: 18

Group 1:

Group 2:

Group 3:

Table: STANDARD

Concentrations for primaries are in Percent

Full Name	DEcmc	DL*	DH*	Date	Group1	Group2	Group3
GPS-09749	0.42	0.12	0.18	6/16/2004 6:53:45 PM			
GPS-09748	0.66	-0.10	-0.38	12/13/2004 12:17:52 AM			
GPS-09747 F	0.68	0.60	-0.50	6/17/2004 4:46:06 PM			
GPS-09233 F	0.85	-1.25	-0.35	9/14/2004 2:46:20 PM			
GPS-08148	0.94	-1.06	0.05	10/3/2004 3:58:07 PM			
GPS-05985	0.98	-1.64	0.12	8/9/2004 7:25:33 PM			
GPS-09234	1.00	-1.54	-0.41	8/28/2004 11:50:52 AM			
GPS-09235	1.03	-0.43	-0.73	8/11/2004 6:38:41 PM			07C:JEK
GPS-09750	1.06	1.76	-0.57	6/13/2004 2:05:25 PM			07@vQG@
GPS-09236	1.16	-1.71	0.28	8/11/2004 6:38:14 PM			07Ddgvi0
GPS-10751	1.24	-2.95	-0.32	3/8/2005 4:46:46 PM			092U:YDI
GPS-10754	1.27	-2.83	-0.56	3/21/2005 9:59:52 AM			092U:JN
GPS-09238	1.28	-1.87	0.24	9/25/2004 10:49:56 AM			07DbHqK
GPS-05366	1.34	2.18	0.27	12/10/2004 8:50:15 AM			07HSD:LK
GPS-09239 F	1.36	-2.45	-0.58	9/22/2004 2:31:52 PM			07D_Quul
GPS-09237	1.42	-1.68	-0.03	9/26/2004 10:26:37 AM			07DcHHaK
GPS-10753	1.43	-2.14	0.57	3/20/2005 7:24:13 PM			092U:rl
GPS-09240	1.49	-0.03	-0.93	9/20/2004 11:03:04 AM			07Dj:x2

OK (Retrieve)      Select All      Unselect All      Print Report      Cancel

Search      Clear      Cancel

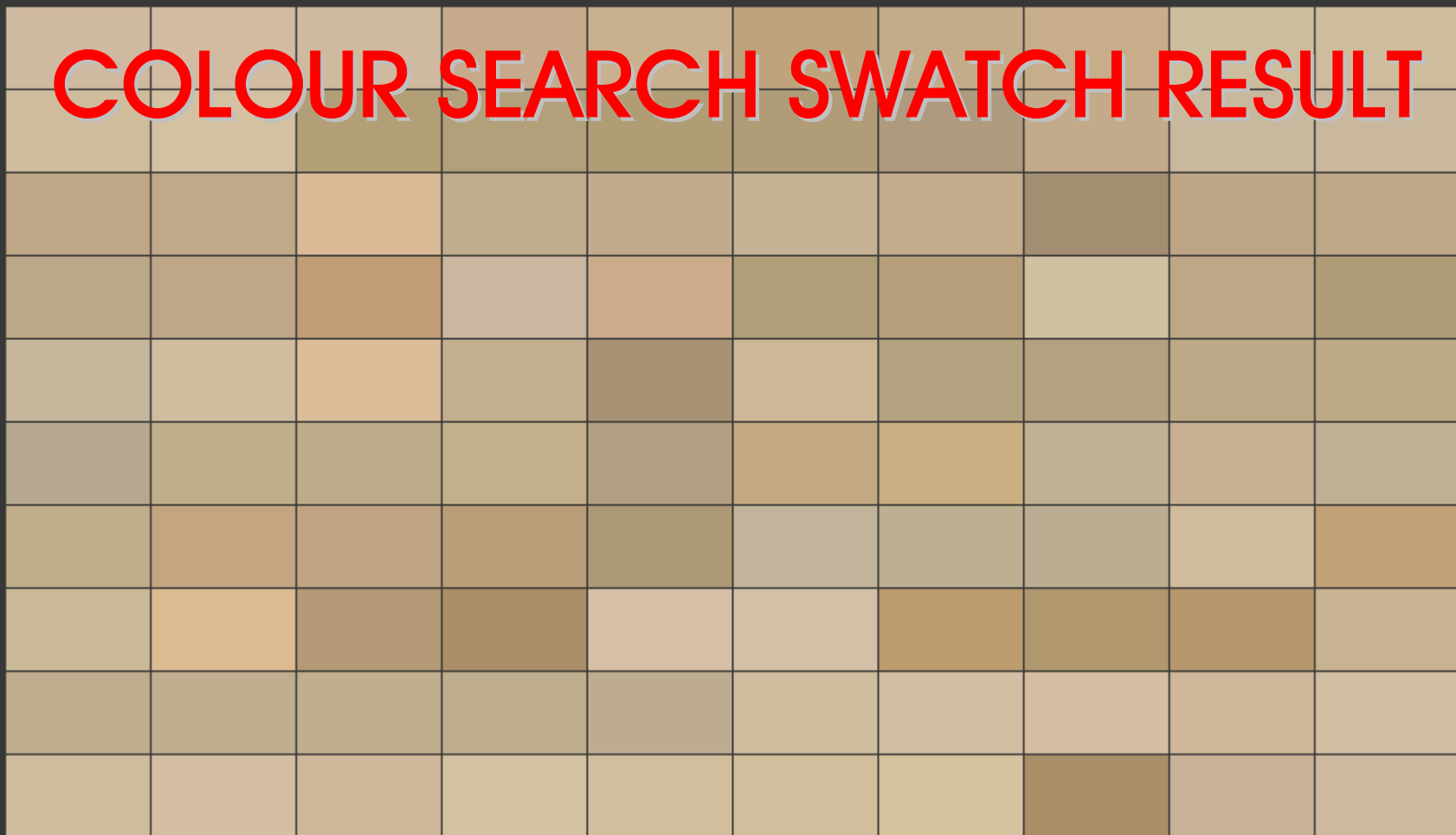
460	27.32
470	28.26
480	29.49
490	31.10
---	---

[Return to Main](#)

Wavelength (nm)



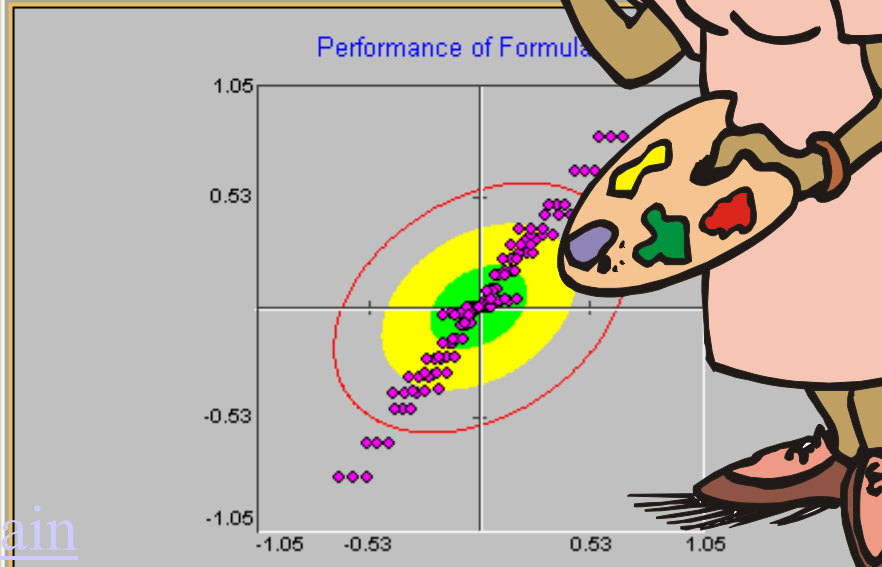
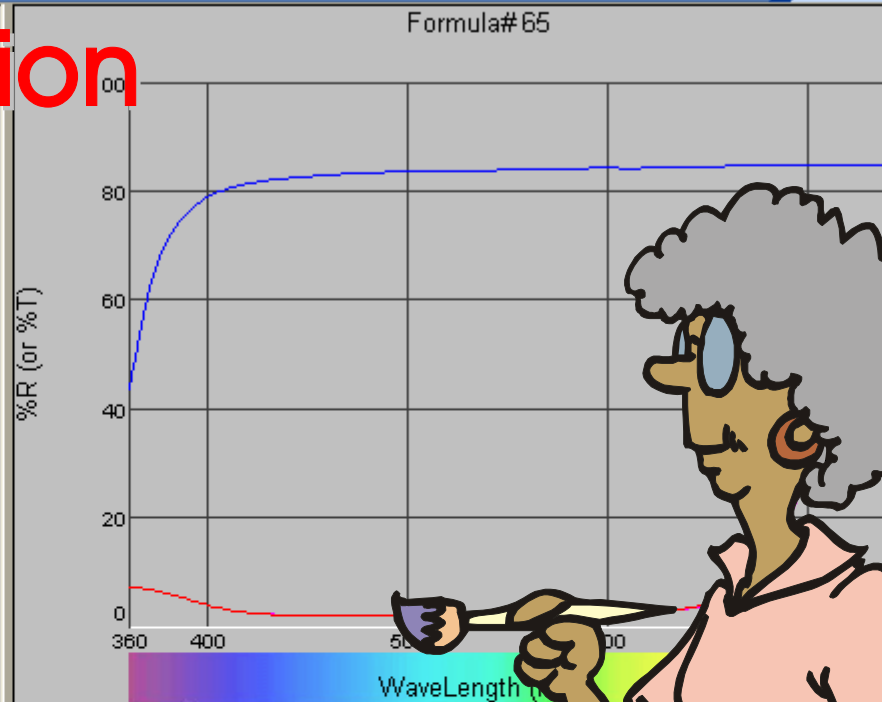
# COLOUR SEARCH SWATCH RESULT



[Return to Main](#)

# Recipe Formulation

Item	Colorants	Percent	D%cmc	+ Ml(1,2)
036	*DY.ORANGE SG [HC]	2.0234	0.07	0.21
	DY.NAVY S2G [HC]	1.1039		
	DY.RUBINE S2GI [HC]	0.4159		
065	CLA.BROWN SE3RLI [HC]	2.7603	0.02	0.27
	DY.NAVY S2G [HC]	1.0350		
	DY.RED S4G [HC]	0.1882		
008	*CLA.VIOLET SE3RLI [HC]	0.1014	0.01	0.30
	CLA.BROWN SE3RLI [HC]	2.9267		
	DY.NAVY S2G [HC]	0.9437		
023	*DY.ORANGE SG [HC]	1.7899	0.04	0.30
	*DY.RED S2B [HC]	0.6928		
	DY.NAVY S2G [HC]	1.0914		
089	DY.NAVY S2G [HC]	1.1308	0.03	0.32
	DY.RED S4G [HC]	0.8465		
	DY.YELLOW BROWN S2RI [HC]	1.7818		
043	*DY.RED S2B [HC]	0.1546	0.01	0.33
	CLA.BROWN SE3RLI [HC]	2.8118		
	DY.NAVY S2G [HC]	1.0150		
035	*DY.ORANGE SG [HC]	1.4886	0.02	0.40
	DY.NAVY S2G [HC]	1.1837		
	DY.RED S4G [HC]	0.7923		
066	CLA.BROWN SE3RLI [HC]	2.8487	0.01	0.40
	DY.NAVY S2G [HC]	1.0140		
	DY.RUBINE S2GI [HC]	0.0947		
003	*CLA.VIOLET SE3RLI [HC]	0.4573	0.01	0.41
	*DY.ORANGE SG [HC]	2.5397		

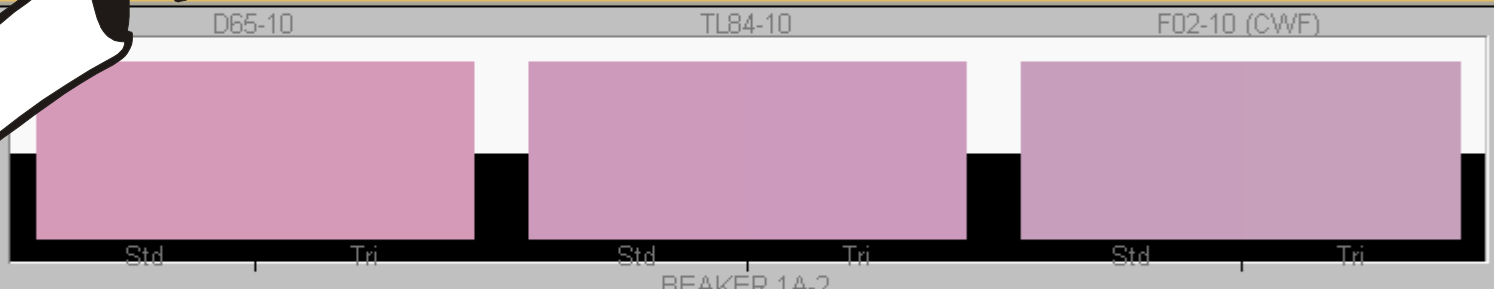


[Return to Main](#)

# First stage of results

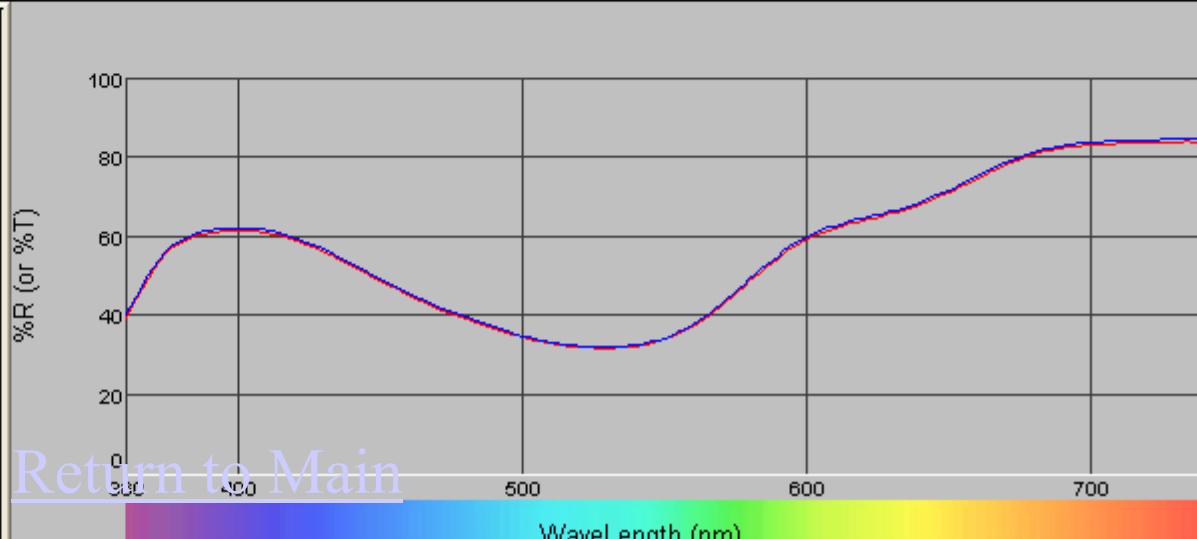
Standard Name	a*	b*	L*	D65-10	TL84-10	F02-10 (CWF)
GPN LAVENDER	71.57	25.56	-6.31	26.42	346.19	

Trial Name	%STR-WSU...	DL*	Da*	Db*	DH*	h°	DEcmc	AdjStr DEc...
BEAKER 1A-1	102.68	-0.32 D	0.14 R	-0.00	0.03 Y	346.25	0.14	0.04
BEAKER 1A-2	100.19	-0.04 D	0.22 R	-0.05 B	0.00	346.19	0.12	0.11

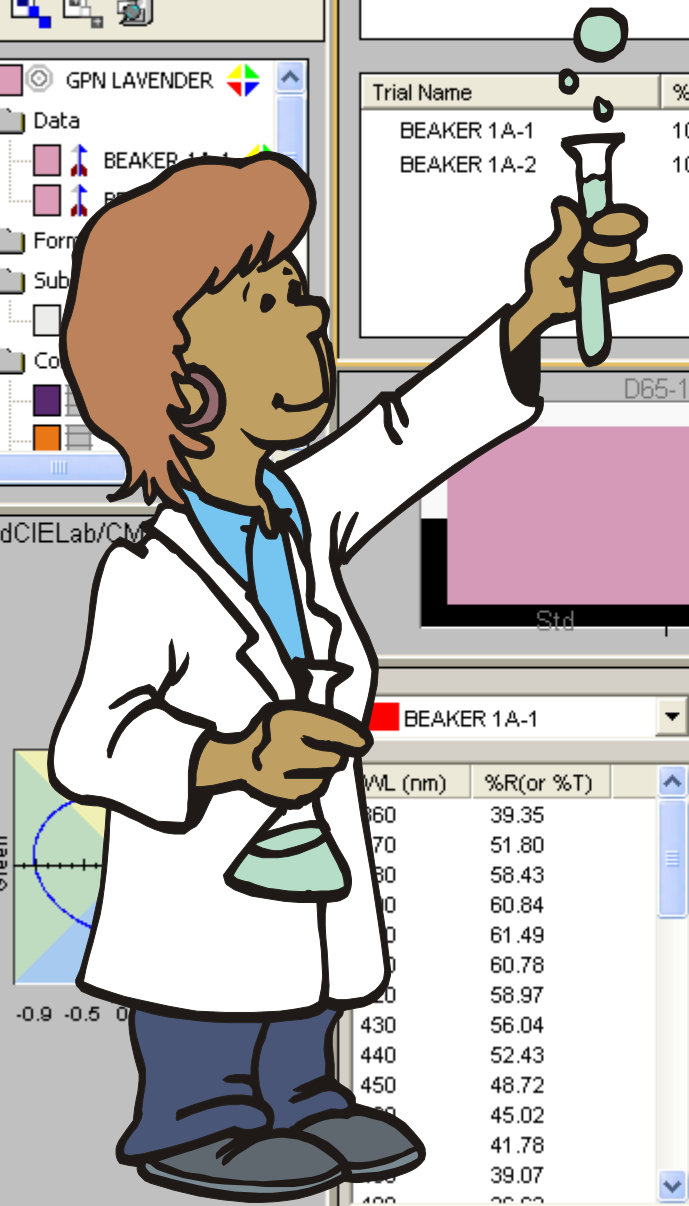


BEAKER 1A-1

WL (nm)	%R (or %T)
360	39.35
370	51.80
380	58.43
390	60.84
400	61.49
410	60.78
420	58.97
430	56.04
440	52.43
450	48.72
460	45.02
470	41.78
480	39.07
490	36.00



[Return to Main](#)



# Approval of a Matching

GPN LAVENDER

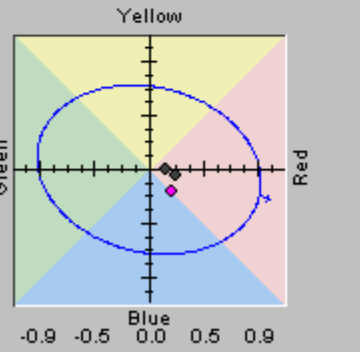
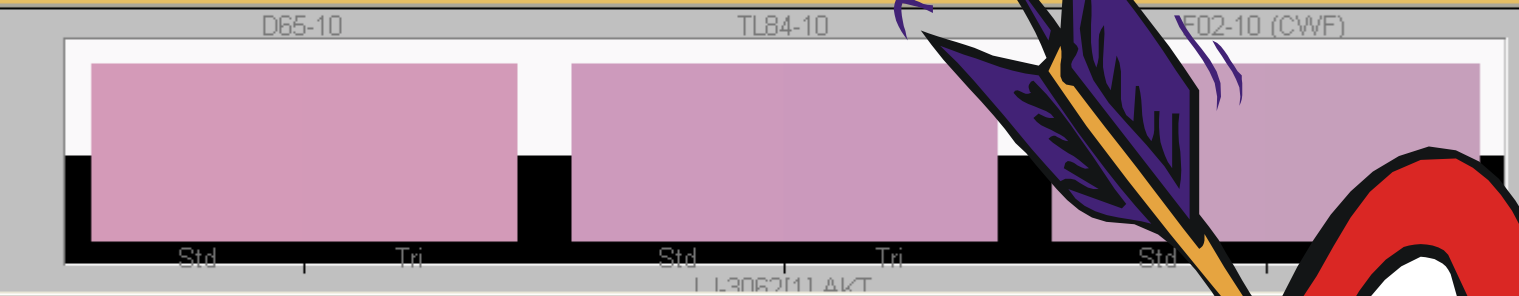
Standard Name	L*	a*	b*	C*	h°
GPN LAVENDER	71.7	2.66	-6.1	2.42	46.13

**GPN LAVENDER**

- Data
  - BEAKER 1A-1
  - BEAKER 1A-2
  - LJ-3062[1] AKT
- Formulas
- Substrates
- BLANK DYEING.[ LOT
- Colorants
  - \*CLA.VIOLET SE3RLI

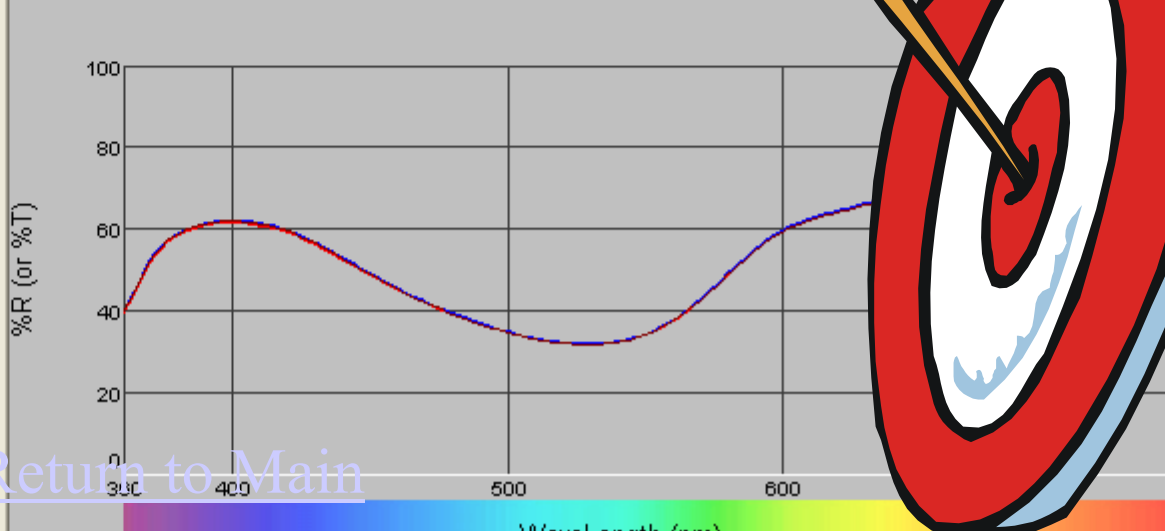
Trial Name	%STR-WVSU...	DL*	Da*	Db*	DH*	h°	DEcmc	AdjStr Df
BEAKER 1A-1	102.68	-0.32 D	0.14 R	-0.00	0.03 Y	346.25	0.14	0.04
BEAKER 1A-2	100.19	-0.04 D	0.22 R	-0.05 B	0.00	346.19	0.12	0.11
LJ-3062[1] AKT	102.15	-0.29 D	0.19 R	-0.18 B	-0.13 B	345.91	0.19	0.11

dCIELab/CMC: D65-10



**BEAKER 1A-1**

WL (nm)	%R(or %T)
360	39.35
370	51.80
380	58.43
390	60.84
400	61.49
410	60.78
420	58.97
430	56.04
440	52.43
450	48.72
460	45.02
470	41.78
480	39.07
490	36.62



[Return to Main](#)

# Simulating the label weaving environment



**Quality Control**



# Physical Parameters

## TEXTECHNO STATIMAT M TEST

DATE / IDENT: -NO.: 11-09-2005 / 72  
 TEST REF.: PT-1568  
 REMARKS PT-1568/1  
 S. NO.A : SP-1651  
 ONE CHEESE

OPERATOR: DHATRI SHAH  
 LOT NO.: P-1607-A/1

**CODE** : **FILAMENT**  
 GAUGE LENGTH 250 (mm)  
 LOAD CELL 10(N)

TEST SPEED 300 (mm/min)  
 PRELOAD 0.50 (cN/tex)

## TOTAL EVALUATION 1 PACKAGES

	-N-	-X-	-CV-	q(95%)	MIN	MAX
ELONGATION	50	42.35%	5.30	0.64	37.79	46.46
E, O.9F MAX	50	42.63%	5.39	0.65	38.19	46.95
FORCE	50	437.44g	1.89	2.34	419.11	451.73
WORK TO RUPTURE	50	3095.95g*cm	7.89	69.37	2576.71	3583.00
TENACITY	50	4.50g/den	1.89	0.02	4.31	4.65
COUNT	1	97.20den				
BREAKING TIME	50	21.20 seconds				
E, 1. FIL..BREAK	50	42.33%	5.31	0.64	37.92	46.61
F, 1. FIL. BREAK	50	436.72g	1.89	2.34	418.64	450.84
T.P.M.		566.9	4.2			

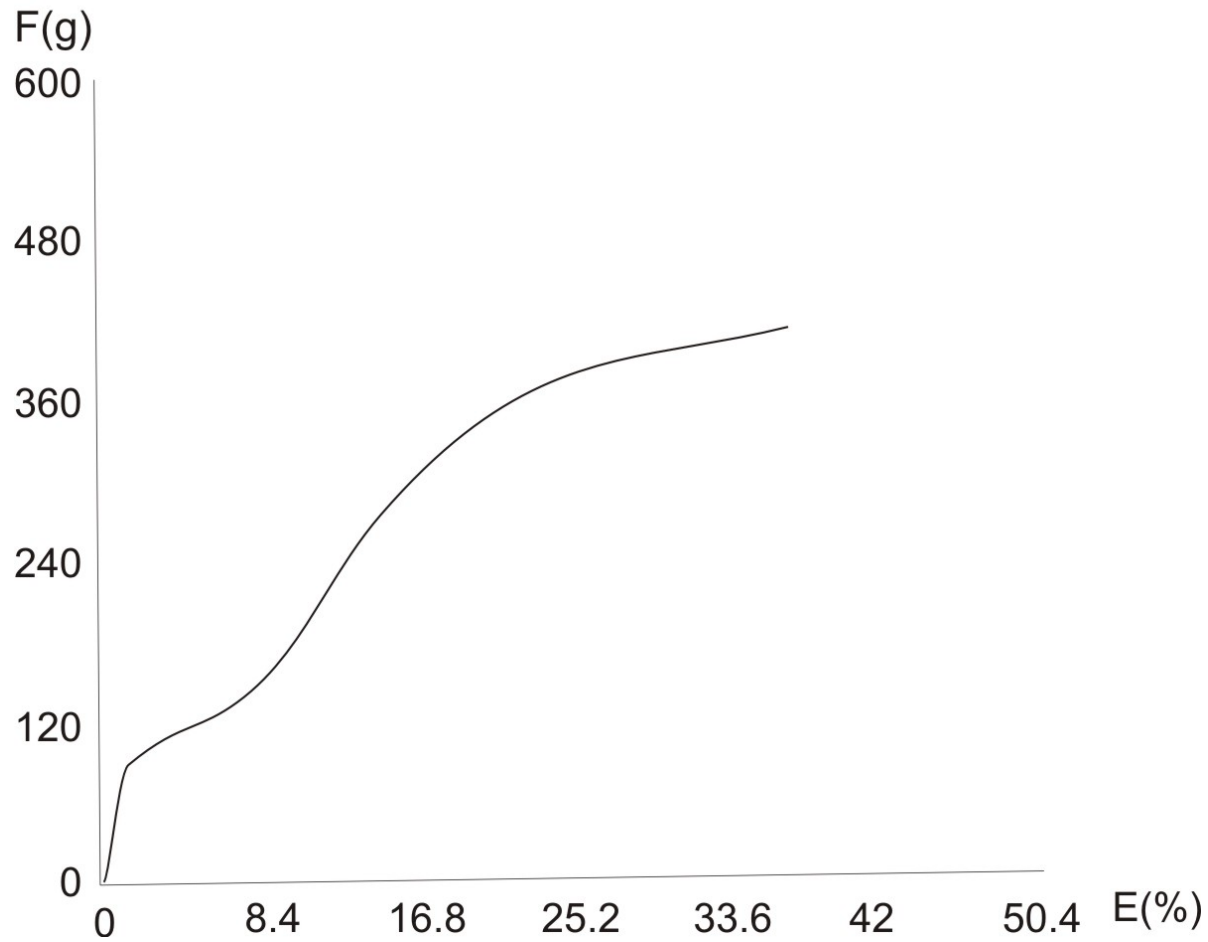
(ASTM D1423-02)



**Quality Control**



# AVERAGE FORCE/ELONGATION CURVE



**Quality Control**



**FOR NORMAL SPECIFICATION WEFT YARN**

**WASH FASTNESS TEST ISO-105-C06 C2S POST SET 180C 30 SEC.**

MULTI FIBRE CLOTH SAMPLE

<b>Comments</b> *Pass std: On SDC Multi-fibre cloth on Grey scale	5	5	5	4	5	5
	Acetate	Cotton	Acrylic	Polyamide	Polyester	Wool

**SPECIAL TEST FOR STAINING ON NYLON ISO 105 /C05-A2S**

MULTI FIBRE CLOTH SAMPLE

<b>Comments</b> *Pass std: On SDC Multi-fibre cloth on Grey scale	5	5	5	5	5	5
	Acetate	Cotton	Acrylic	Polyamide	Polyester	Wool

**COLOR FASTNESS TO HEAT (DRY) ISO-105-P01**

MULTI FIBRE CLOTH SAMPLE

<b>Comments</b> *Pass std: On cotton & Polyester cloth on Grey scale	5	5	5
	Shade change Cotton	Staining	Polyester

**HOT PRESSING FASTNESS [ISO/105/X11] AT 150 C**

COTTON CLOTH SAMPLE

<b>Comments</b> *Pass std: On cotton on Grey scale	5
	Cotton

**FASTNESS TO RUBBING [ISO/105/X11]**

<b>Comments</b> *Pass std: On Precut Crocking cloth on Grey scale	5

**COLOR FASTNESS TO DRY CLEANING ISO-105-D01**

<b>Comments</b> *Pass std: On change in solvent shade on Grey scale	5



**Quality Control**



**FOR EXTENDED SPECIFICATION WEFT YARN**

**WASH FASTNESS TEST ISO-105-C04 POST SET 180C 30 SEC.**

**Comments**  
\*Pass std:  
On SDC  
Multi-fibre  
cloth on  
Grey scale

MULTI FIBRE CLOTH SAMPLE

5	5	5	5	5	5
Acetate	Cotton	Acrylic	Polyamide	Polyester	Wool

**WASH FASTNESS TEST ISO-105-C06-C2S FOR STAINING ON NYLON**

**Comments**  
\*Pass std:  
On SDC  
Multi-fibre  
cloth on  
Grey scale

MULTI FIBRE CLOTH SAMPLE

5	5	5	5	5	5
Acetate	Cotton	Acrylic	Polyamide	Polyester	Wool

**COLOR FASTNESS DYE TRANSFER IN STORAGE AATCC 163-1987**

**Comments**  
\*Pass std:  
On SDC  
Multi-fibre  
cloth on  
Grey scale

MULTI FIBRE CLOTH SAMPLE

4	4	4	4	4	4
Acetate	Cotton	Acrylic	Polyamide	Polyester	Wool

**PERSPIRATION FASTNESS TEST ISO-105-E04 (ACIDIC)**

**Comments**  
\*Pass std:  
On SDC  
Multi-fibre  
cloth on  
Grey scale

MULTI FIBRE CLOTH SAMPLE

4	4	4	4	4	4
Acetate	Cotton	Acrylic	Polyamide	Polyester	Wool

**PERSPIRATION FASTNESS TEST ISO-105-E04 (ALKALINE)**

**Comments**  
\*Pass std:  
On SDC  
Multi-fibre  
cloth on  
Grey scale

MULTI FIBRE CLOTH SAMPLE

4	4	4	4	4	4
Acetate	Cotton	Acrylic	Polyamide	Polyester	Wool



**Quality Control**



# Final Matching Sample



**Quality Control**

