

| %Xn                                                                                                                       | Yn      | Zn      | X0      | Y0      | Z0      | X1      | Y1      | Z1      | DV      | dE*ab | dE*76 | dE*94 | dE*CM | dE*00 | dE*85 | NR       | L*0 | a*0 | b*0 | C*0 | h0  | L*1 | a*1 | b*1 | C*1 | h1  | CODE    | % |
|---------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|-------|-------|-------|-------|-------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|---|
| %1000*(CIEXYZ & DV) for all colours (a) of experiment, iimp=114, colour difference pairs Ks_LD114, xchart3=0, xchart4=0 % |         |         |         |         |         |         |         |         |         |       |       |       |       |       |       |          |     |     |     |     |     |     |     |     |     |     |         |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0043059 | 0051397 | 0077461 | 0081871 | 0087162 | 0084815 | 0020663 | 03430 | 03430 | 02614 | 02753 | 02461 | 15786 | 47000001 | 77  | -16 | -18 | 24  | 227 | 95  | -1  | 7   | 7   | 104 | (CW-W)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0043059 | 0051397 | 0077461 | 0019388 | 0027536 | 0069930 | 0021155 | 03307 | 03308 | 02204 | 01856 | 01720 | 19572 | 47000002 | 77  | -16 | -18 | 24  | 227 | 59  | -30 | -42 | 52  | 233 | (CW-C)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0030783 | 0028166 | 0046149 | 0081924 | 0087171 | 0085133 | 0029522 | 04673 | 04673 | 04040 | 03671 | 03443 | 27595 | 47000003 | 60  | 15  | -19 | 24  | 309 | 95  | -1  | 6   | 7   | 104 | (VW-W)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0030783 | 0028166 | 0046149 | 0007794 | 0005145 | 0022448 | 0037305 | 04393 | 04395 | 03568 | 03497 | 03239 | 39004 | 47000004 | 60  | 15  | -19 | 24  | 309 | 27  | 31  | -43 | 53  | 305 | (VW-V)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0054106 | 0042816 | 0046762 | 0082042 | 0087291 | 0085260 | 0024787 | 04628 | 04628 | 03081 | 03204 | 03028 | 18405 | 47000005 | 71  | 37  | 0   | 37  | 359 | 95  | -1  | 6   | 7   | 104 | (MW-W)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0054106 | 0042816 | 0046762 | 0033276 | 0017069 | 0022109 | 0028552 | 04449 | 04450 | 02716 | 02396 | 02305 | 22538 | 47000006 | 71  | 37  | 0   | 37  | 359 | 48  | 75  | -6  | 75  | 354 | (MW-M)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0051977 | 0043412 | 0024081 | 0082207 | 0087242 | 0085550 | 0024099 | 04610 | 04610 | 02806 | 03178 | 02836 | 18793 | 47000007 | 72  | 30  | 30  | 42  | 45  | 95  | -1  | 6   | 6   | 104 | (OW-W)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0051977 | 0043412 | 0024081 | 0030585 | 0017089 | 0002712 | 0027759 | 04744 | 04747 | 02754 | 02482 | 02349 | 22888 | 47000008 | 72  | 30  | 30  | 42  | 45  | 48  | 65  | 52  | 83  | 38  | (OW-O)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0071872 | 0080634 | 0032092 | 0081958 | 0087239 | 0084996 | 0015336 | 04687 | 04687 | 01396 | 02313 | 01979 | 09193 | 47000009 | 92  | -9  | 53  | 53  | 100 | 95  | -1  | 6   | 7   | 104 | (YW-W)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0071872 | 0080634 | 0032092 | 0066661 | 0073787 | 0007171 | 0015887 | 04703 | 04706 | 01453 | 01569 | 01142 | 04540 | 47000010 | 92  | -9  | 53  | 53  | 100 | 89  | -7  | 99  | 100 | 94  | (YW-Y)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0032273 | 0044647 | 0029410 | 0081974 | 0087249 | 0085034 | 0020753 | 04195 | 04195 | 02617 | 02611 | 02449 | 17450 | 47000011 | 73  | -33 | 23  | 40  | 144 | 95  | -1  | 6   | 7   | 104 | (LW-W)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0032273 | 0044647 | 0029410 | 0009703 | 0020819 | 0006479 | 0023073 | 03923 | 03925 | 02322 | 02048 | 01933 | 18449 | 47000012 | 73  | -33 | 23  | 40  | 144 | 53  | -62 | 40  | 74  | 147 | (LW-L)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0008533 | 0010935 | 0021210 | 0019776 | 0027949 | 0070458 | 0023136 | 03366 | 03365 | 02390 | 02216 | 02257 | 20679 | 47000013 | 39  | -15 | -20 | 25  | 233 | 60  | -30 | -42 | 52  | 234 | (CN-C)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0008533 | 0010935 | 0021210 | 0008302 | 0003139 | 0003136 | 0024251 | 03316 | 03317 | 02405 | 03186 | 02482 | 23105 | 47000014 | 39  | -15 | -20 | 25  | 233 | 21  | 0   | 1   | 1   | 64  | (CN-V)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0005296 | 0004228 | 0010337 | 0008211 | 0005439 | 0023150 | 0014675 | 02676 | 02676 | 01244 | 01239 | 00997 | 11243 | 47000015 | 24  | 16  | -21 | 27  | 307 | 28  | 31  | -43 | 53  | 305 | (VN-N)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0005296 | 0004228 | 0010337 | 0003091 | 0003177 | 0003176 | 0014848 | 02824 | 02827 | 01475 | 02171 | 01955 | 13143 | 47000016 | 24  | 16  | -21 | 27  | 307 | 21  | 1   | 1   | 2   | 55  | (VN-N)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0012221 | 0008019 | 0009304 | 0032659 | 0016614 | 0021259 | 0022262 | 04118 | 04116 | 02008 | 02014 | 01647 | 15429 | 47000017 | 34  | 36  | -1  | 36  | 357 | 48  | 75  | -6  | 75  | 355 | (MN-M)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0012221 | 0008019 | 0009304 | 0002858 | 0002962 | 0002966 | 0019326 | 03878 | 03879 | 02020 | 02961 | 02510 | 17253 | 47000018 | 34  | 36  | -1  | 36  | 357 | 20  | 0   | 1   | 1   | 65  | (MN-N)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0011655 | 0008000 | 0002652 | 0030284 | 0016867 | 0002520 | 0020621 | 04336 | 04336 | 01981 | 02039 | 01646 | 15575 | 47000019 | 34  | 32  | 28  | 43  | 40  | 48  | 65  | 53  | 84  | 39  | (ON-O)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0011655 | 0008000 | 0002652 | 0002890 | 0003000 | 0002989 | 0020380 | 04390 | 04393 | 01995 | 03086 | 02454 | 18062 | 47000020 | 34  | 32  | 28  | 43  | 40  | 20  | 0   | 1   | 1   | 69  | (ON-N)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0020163 | 0022221 | 0004839 | 0066791 | 0074096 | 0007573 | 0030464 | 05967 | 05966 | 03774 | 03115 | 02859 | 26299 | 47000021 | 54  | -4  | 50  | 50  | 95  | 89  | -7  | 98  | 99  | 94  | (YN-Y)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0020163 | 0022221 | 0004839 | 0003044 | 0003151 | 0003167 | 0034679 | 05933 | 05935 | 03686 | 04493 | 03655 | 33140 | 47000022 | 54  | -4  | 50  | 50  | 95  | 21  | 0   | 1   | 1   | 62  | (YN-N)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0005418 | 0008983 | 0004567 | 0010166 | 0021504 | 0006872 | 0019997 | 04068 | 04068 | 02225 | 02188 | 01957 | 18068 | 47000023 | 36  | -31 | 20  | 37  | 147 | 54  | -62 | 40  | 74  | 147 | (LN-L)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0005418 | 0008983 | 0004567 | 0003125 | 0003217 | 0003229 | 0026572 | 04034 | 04037 | 02154 | 03127 | 02700 | 18258 | 47000024 | 36  | -31 | 20  | 37  | 147 | 21  | 1   | 1   | 2   | 55  | (LN-N)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0018984 | 0026996 | 0069454 | 0082195 | 0087485 | 0085045 | 0037971 | 06808 | 06808 | 04325 | 04239 | 03998 | 34631 | 47000025 | 59  | -30 | -42 | 52  | 234 | 95  | -1  | 7   | 7   | 104 | (C-W)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0018984 | 0026996 | 0069454 | 0002664 | 0002788 | 0002954 | 0044787 | 06661 | 06661 | 04312 | 05075 | 04277 | 39886 | 47000026 | 59  | -30 | -42 | 52  | 234 | 19  | 0   | 0   | 0   | 64  | (C-N)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0007399 | 0004853 | 0021822 | 0081895 | 0087140 | 0084961 | 0067849 | 09146 | 09148 | 07300 | 06650 | 06795 | 58444 | 47000027 | 26  | 31  | -44 | 53  | 305 | 95  | -1  | 6   | 7   | 104 | (V-W)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0007399 | 0004853 | 0021822 | 0002714 | 0002836 | 0002950 | 0026308 | 05491 | 05494 | 01836 | 03066 | 02620 | 24113 | 47000028 | 26  | 31  | -44 | 53  | 305 | 19  | 0   | 0   | 0   | 69  | (V-N)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0032685 | 0016653 | 0021248 | 0081859 | 0087074 | 0085171 | 0035912 | 09101 | 09101 | 05246 | 05158 | 04752 | 37545 | 47000029 | 48  | 75  | -5  | 75  | 355 | 95  | -1  | 6   | 6   | 104 | (M-W)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0032685 | 0016653 | 0021248 | 0002802 | 0002913 | 0003015 | 0047719 | 08000 | 08000 | 03312 | 04645 | 03611 | 31068 | 47000030 | 48  | 75  | -5  | 75  | 355 | 20  | 0   | 1   | 1   | 59  | (W-N)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0030235 | 0016814 | 0002614 | 0081831 | 0087044 | 0085255 | 0042308 | 09380 | 09382 | 05076 | 05280 | 04751 | 38202 | 47000031 | 48  | 65  | 52  | 83  | 38  | 95  | -1  | 6   | 6   | 104 | (O-W)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0030235 | 0016814 | 0002614 | 0002852 | 0002976 | 0003093 | 0041814 | 08758 | 08761 | 03303 | 04768 | 03662 | 32065 | 47000032 | 48  | 65  | 52  | 83  | 38  | 20  | 0   | 0   | 1   | 66  | (O-N)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0066641 | 0073732 | 0007310 | 0081802 | 0087084 | 0084714 | 0034397 | 09268 | 09270 | 01798 | 03529 | 02754 | 13485 | 47000033 | 89  | -7  | 99  | 99  | 94  | 95  | -1  | 7   | 7   | 104 | (Y-W)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0066641 | 0073732 | 0007310 | 0002705 | 0002827 | 0002953 | 0066421 | 12078 | 12080 | 07173 | 07233 | 07327 | 46525 | 47000034 | 89  | -7  | 99  | 99  | 94  | 19  | 0   | 0   | 0   | 68  | (Y-N)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0009330 | 0020323 | 0006555 | 0081961 | 0087242 | 0084836 | 0040890 | 08137 | 08140 | 04607 | 04453 | 04078 | 33380 | 47000035 | 52  | -63 | 39  | 74  | 148 | 95  | -1  | 7   | 7   | 104 | (L-W)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0009330 | 0020323 | 0006555 | 0002712 | 0002824 | 0002954 | 0039472 | 08138 | 08140 | 03737 | 04970 | 03957 | 33593 | 47000036 | 52  | -63 | 39  | 74  | 148 | 19  | 0   | 0   | 0   | 57  | (L-N)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0007658 | 0005064 | 0022182 | 0019190 | 0027222 | 0069848 | 0040144 | 06958 | 06960 | 04700 | 05042 | 04892 | 35871 | 47000037 | 27  | 30  | -43 | 53  | 305 | 59  | -30 | -42 | 52  | 234 | (V-C)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0007658 | 0005064 | 0022182 | 0032724 | 0016762 | 0021385 | 0039211 | 06148 | 06147 | 03697 | 03565 | 03042 | 34656 | 47000038 | 27  | 30  | -43 | 53  | 305 | 48  | 74  | -5  | 74  | 355 | (V-M)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0030161 | 0016790 | 0002617 | 0032710 | 0016745 | 0022636 | 005940  | 05945 | 05945 | 02611 | 02495 | 02700 | 15447 | 47000039 | 48  | 65  | 52  | 83  | 38  | 48  | 74  | -6  | 75  | 355 | (O-M)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0030161 | 0016790 | 0002617 | 0066909 | 0074147 | 0007747 | 0056260 | 09527 | 09526 | 05568 | 06689 | 05689 | 34388 | 47000040 | 48  | 65  | 52  | 83  | 38  | 89  | -7  | 98  | 98  | 94  | (O-Y)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0009287 | 0020245 | 0006507 | 0066631 | 0073739 | 0007384 | 0051787 | 08963 | 08965 | 05227 | 04443 | 04277 | 29119 | 47000041 | 52  | -63 | 39  | 74  | 148 | 89  | -7  | 99  | 99  | 94  | (L-Y)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0009287 | 0020245 | 0006507 | 0019069 | 0027103 | 0069450 | 0036693 | 08838 | 08841 | 04124 | 04059 | 04570 | 30880 | 47000042 | 52  | -63 | 39  | 74  | 148 | 59  | -30 | -42 | 52  | 234 | (L-C)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0019110 | 0027158 | 0069638 | 0007562 | 0004995 | 0022071 | 0052690 | 06972 |       |       |       |       |       |          |     |     |     |     |     |     |     |     |     |     |         |   |

| %Xn                                                                                                                       | Yn      | Zn      | X0      | Y0      | Z0      | X1      | Y1      | Z1      | DV      | dE*ab | dE*76 | dE*94 | dE*CM | dE*00 | dE*85 | NR       | L*0 | a*0 | b*0 | C*0 | h0  | L*1 | a*1 | b*1 | C*1 | h1  | CODE     | % |
|---------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|-------|-------|-------|-------|-------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|---|
| %1000*(CIEXYZ & DV) for all colours (a) of experiment, iimp=114, colour difference pairs Ks_LD114, xchart3=0, xchart4=0 % |         |         |         |         |         |         |         |         |         |       |       |       |       |       |       |          |     |     |     |     |     |     |     |     |     |     |          |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0030237 | 0038871 | 0074605 | 0042920 | 0051233 | 0077841 | 0008898 | 01582 | 01582 | 00960 | 00910 | 00829 | 08745 | 47000051 | 69  | -23 | -30 | 38  | 232 | 77  | -16 | -18 | 24  | 228 | (VM-V)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0030237 | 0038871 | 0074605 | 0019181 | 0027256 | 0069761 | 0013410 | 01720 | 01721 | 01084 | 00966 | 00917 | 11152 | 47000052 | 69  | -23 | -30 | 38  | 232 | 59  | -30 | -42 | 52  | 234 | (VM-M)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0053690 | 0053649 | 0066621 | 0081974 | 0087216 | 0085018 | 014212  | 02353 | 02353 | 02197 | 02209 | 01909 | 12798 | 47000053 | 78  | 7   | -7  | 10  | 314 | 95  | -1  | 6   | 7   | 104 | (MO-M)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0053690 | 0053649 | 0066621 | 0030946 | 0028295 | 0047364 | 0017816 | 02389 | 02389 | 02105 | 01738 | 01684 | 16425 | 47000054 | 78  | 7   | -7  | 10  | 314 | 60  | 15  | -20 | 25  | 307 | (MO-O)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0017168 | 0013915 | 0033982 | 0030946 | 0028295 | 0047364 | 0016615 | 02137 | 02138 | 01682 | 01591 | 01687 | 18013 | 47000055 | 44  | 23  | -32 | 39  | 306 | 60  | 15  | -20 | 25  | 307 | (YO-O)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0017168 | 0013915 | 0033982 | 0007759 | 0004961 | 0022174 | 0019417 | 02334 | 02336 | 01833 | 02053 | 01524 | 23506 | 47000056 | 44  | 23  | -32 | 39  | 306 | 27  | 33  | -44 | 55  | 306 | (YO-Y)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0068488 | 0063940 | 0066141 | 0082109 | 0087329 | 0085546 | 0013218 | 02243 | 02242 | 01793 | 03305 | 02245 | 08349 | 47000057 | 84  | 17  | 2   | 17  | 9   | 95  | -1  | 6   | 6   | 104 | (YL-Y)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0068488 | 0063940 | 0066141 | 0054233 | 0042938 | 0047408 | 0014783 | 02381 | 02381 | 01699 | 01416 | 01313 | 10443 | 47000058 | 84  | 17  | 2   | 17  | 9   | 72  | 37  | 0   | 37  | 358 | (YL-L)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0043130 | 0028245 | 0033449 | 0054233 | 0042938 | 0047408 | 0012870 | 02207 | 02207 | 01263 | 01191 | 01113 | 10818 | 47000059 | 60  | 56  | -3  | 56  | 356 | 72  | 37  | 0   | 37  | 358 | (CL-L)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0043130 | 0028245 | 0033449 | 0033036 | 0016938 | 0021841 | 0018262 | 02236 | 02236 | 01308 | 01238 | 01240 | 12613 | 47000060 | 60  | 56  | -3  | 56  | 356 | 48  | 74  | -6  | 75  | 355 | (CL-C)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0064832 | 0061637 | 0048414 | 0081819 | 0087079 | 0085022 | 0013524 | 02304 | 02304 | 01678 | 02087 | 01959 | 09462 | 47000061 | 83  | 14  | 17  | 22  | 50  | 95  | -1  | 6   | 7   | 105 | (W-WC)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0064832 | 0061637 | 0048414 | 0051470 | 0042561 | 0023627 | 0012547 | 02398 | 02399 | 01559 | 01362 | 01203 | 10143 | 47000062 | 83  | 14  | 17  | 22  | 50  | 71  | 31  | 30  | 43  | 43  | (Wc-CW)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0039770 | 0027317 | 0009099 | 0051470 | 0042561 | 0023627 | 0012058 | 02483 | 02484 | 01327 | 01285 | 01181 | 11602 | 47000063 | 59  | 49  | 42  | 65  | 40  | 71  | 31  | 30  | 43  | 43  | (CW-Cw)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0039770 | 0027317 | 0009099 | 0030004 | 0016649 | 0002516 | 0017272 | 02226 | 02228 | 01246 | 01198 | 01195 | 12123 | 47000064 | 59  | 49  | 42  | 65  | 40  | 48  | 65  | 53  | 84  | 39  | (Cw-C)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0076360 | 0084012 | 0054889 | 0081836 | 0087027 | 0085040 | 0007916 | 02341 | 02341 | 00996 | 01468 | 01285 | 05373 | 47000065 | 93  | -6  | 29  | 30  | 103 | 95  | -1  | 6   | 6   | 104 | (W-WV)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0076360 | 0084012 | 0054889 | 0071581 | 0080172 | 0030748 | 0008785 | 02522 | 02522 | 01084 | 01065 | 00876 | 04099 | 47000066 | 93  | -6  | 29  | 30  | 103 | 92  | -9  | 54  | 55  | 99  | (Wv-VW)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0068935 | 0077438 | 0015616 | 0071581 | 0080172 | 0030748 | 0009924 | 02441 | 02441 | 00561 | 00849 | 00632 | 02580 | 47000067 | 91  | -9  | 78  | 79  | 97  | 92  | -9  | 54  | 55  | 99  | (VW-Vw)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0068935 | 0077438 | 0015616 | 0066032 | 0073004 | 0007065 | 0006197 | 02098 | 02100 | 00532 | 00678 | 00487 | 02010 | 47000068 | 91  | -9  | 78  | 79  | 97  | 88  | -7  | 99  | 99  | 94  | (Vw-V)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0054952 | 0065245 | 0054939 | 0081987 | 0087202 | 0085397 | 0010010 | 01998 | 01998 | 01399 | 01490 | 01520 | 07876 | 47000069 | 85  | -17 | 14  | 22  | 140 | 95  | -1  | 6   | 6   | 104 | (W-WM)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0054952 | 0065245 | 0054939 | 0032574 | 0044853 | 0030762 | 0010767 | 02107 | 02107 | 01478 | 01230 | 01123 | 09724 | 47000070 | 85  | -17 | 14  | 22  | 140 | 73  | -32 | 21  | 39  | 146 | (Wm-Wn)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0019628 | 0032323 | 0016396 | 0032574 | 0044853 | 0030762 | 0011281 | 01957 | 01957 | 01039 | 00997 | 00908 | 08502 | 47000071 | 64  | -47 | 30  | 56  | 147 | 73  | -32 | 21  | 39  | 146 | (Mw-Mw)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0019628 | 0032323 | 0016396 | 0009889 | 0021108 | 0006794 | 0013932 | 02031 | 02032 | 01162 | 01078 | 01046 | 10319 | 47000072 | 64  | -47 | 30  | 56  | 147 | 53  | -62 | 39  | 74  | 147 | (Mw-M)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0012922 | 0017604 | 0040753 | 0019261 | 0027334 | 0069802 | 0013107 | 01664 | 01664 | 01129 | 01048 | 01073 | 10217 | 47000073 | 49  | -23 | -32 | 39  | 234 | 59  | -30 | -42 | 52  | 234 | (wO-wO)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0012922 | 0017604 | 0040753 | 0008102 | 0010446 | 0021022 | 0010876 | 01673 | 01673 | 01140 | 01199 | 01102 | 11389 | 47000074 | 49  | -23 | -32 | 39  | 234 | 39  | -15 | -21 | 26  | 234 | (Wo-OW)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0004684 | 0005693 | 0008996 | 0008102 | 0010446 | 0021022 | 0011991 | 01634 | 01633 | 01286 | 01401 | 01070 | 12085 | 47000075 | 29  | -9  | -10 | 13  | 228 | 39  | -15 | -21 | 26  | 234 | (OW-Ow)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0004684 | 0005693 | 0008996 | 0002752 | 0002872 | 0002965 | 0011433 | 01725 | 01726 | 01356 | 01971 | 01495 | 11708 | 47000076 | 29  | -9  | -10 | 13  | 228 | 20  | 0   | 1   | 1   | 69  | (Ow-O)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0006079 | 0004265 | 0015286 | 0007695 | 0004906 | 0021896 | 0005261 | 01286 | 01286 | 00478 | 00569 | 00417 | 04756 | 47000077 | 25  | 25  | -34 | 42  | 306 | 26  | 33  | -43 | 55  | 307 | (W-Wy)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0006079 | 0004265 | 0015286 | 0004693 | 0003665 | 0009659 | 0005924 | 01393 | 01394 | 00515 | 00696 | 00558 | 05837 | 47000078 | 25  | 25  | -34 | 42  | 306 | 23  | 17  | -22 | 28  | 307 | (Wy-YW)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0003727 | 0003323 | 0005593 | 0004693 | 0003665 | 0009659 | 0010523 | 01518 | 01519 | 00952 | 00922 | 00817 | 06953 | 47000079 | 21  | 9   | -10 | 13  | 312 | 23  | 17  | -22 | 28  | 307 | (Yw-Yw)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0003727 | 0003323 | 0005593 | 0002975 | 0003049 | 0002949 | 0005134 | 01468 | 01471 | 01068 | 01494 | 01290 | 06653 | 47000080 | 21  | 9   | -10 | 13  | 312 | 20  | 1   | 2   | 2   | 60  | (Yw-Y)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0020097 | 0011253 | 0014422 | 0032964 | 0016884 | 0021789 | 0012464 | 02019 | 02018 | 00963 | 01022 | 00889 | 08729 | 47000081 | 40  | 56  | -5  | 56  | 354 | 48  | 74  | -6  | 75  | 355 | (W-WL)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0020097 | 0011253 | 0014422 | 0012496 | 0008172 | 0009829 | 0009607 | 02018 | 02017 | 00786 | 00991 | 00785 | 06973 | 47000082 | 40  | 56  | -5  | 56  | 354 | 34  | 37  | -2  | 37  | 355 | (WL-LW)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0006602 | 0005134 | 0005663 | 0012496 | 0008172 | 0009829 | 0010256 | 01916 | 01916 | 01190 | 01267 | 00982 | 08786 | 47000083 | 27  | 19  | 0   | 19  | 359 | 34  | 37  | -2  | 37  | 355 | (LW-Lw)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0006602 | 0005134 | 0005663 | 0002967 | 0003078 | 0003145 | 0011814 | 02017 | 02019 | 01253 | 01869 | 01755 | 08656 | 47000084 | 27  | 19  | 0   | 19  | 359 | 20  | 0   | 1   | 1   | 60  | (Lw-L)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0018783 | 0011367 | 0002554 | 0030097 | 0016715 | 0002484 | 0012425 | 02274 | 02274 | 00951 | 01036 | 00873 | 08356 | 47000085 | 40  | 49  | 39  | 62  | 38  | 48  | 65  | 53  | 84  | 39  | (C-Cn)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0018783 | 0011367 | 0002554 | 0011287 | 0007743 | 0002611 | 0008801 | 02142 | 02142 | 00859 | 01071 | 00830 | 07933 | 47000086 | 40  | 49  | 39  | 62  | 38  | 33  | 32  | 27  | 42  | 40  | (Cn-CN)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0006223 | 0004947 | 0002688 | 0011287 | 0007743 | 0002611 | 0010043 | 02038 | 02038 | 01157 | 01245 | 00940 | 08424 | 47000087 | 27  | 17  | 15  | 23  | 40  | 33  | 32  | 27  | 42  | 40  | (CN-Nc)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0006223 | 0004947 | 0002688 | 0002776 | 0002880 | 0002970 | 0012735 | 02332 | 02334 | 01291 | 02000 | 01756 | 09820 | 47000088 | 27  | 17  | 15  | 23  | 40  | 20  | 0   | 1   | 1   | 57  | (Nc-N)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0036162 | 0044439 | 0006378 | 0065873 | 0072763 | 0006949 | 0020322 | 02960 | 02960 | 01685 | 01399 | 01210 | 11924 | 47000089 | 73  | -8  | 74  | 75  | 96  | 88  | -7  | 99  | 100 | 94  | (V-Vn)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0036162 | 0044439 | 0006378 | 0019922 | 0022013 | 0004667 | 0013548 | 03060 | 03059 | 01929 | 01735 | 01679 | 16065 | 47000090 | 73  | -8  | 74  | 75  | 96  | 54  | -4  | 50  | 50  | 95  | (Vn-VN)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0008965 | 0009695 | 0003658 | 0019922 | 0022013 | 0004667 | 0013747 | 02892 | 02892 | 01980 | 01916 | 01816 | 17073 | 47000091 | 37  | -2  | 27  | 27  | 94  | 54  | -4  | 50  | 50  | 95  | (VN-Nv)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0008965 | 0009695 | 0003658 | 0002911 | 0003000 | 0002982 | 0020122 | 03089 | 03091 | 02085 | 02892 | 02068 | 19859 | 47000092 | 37  | -2  | 27  | 27  | 94  | 20  | 1   | 1   | 2   | 60  | (Nv-N)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0007135 | 0013814 | 0005323 | 0009779 | 0020962 | 0006667 | 0013194 | 02012 | 02011 | 01029 | 01043 | 00998 | 09163 | 47000093 | 44  | -47 | 30  | 56  | 147 | 53  | -62 | 39  | 74  | 147 | (M-Mn)%  |   |
|                                                                                                                           |         |         |         |         |         |         |         |         |         |       |       |       |       |       |       |          |     |     |     |     |     |     |     |     |     |     |          |   |

| %Xn                                                                                                                       | Yn      | Zn      | X0      | Y0      | Z0      | X1      | Y1      | Z1      | DV      | dE*ab | dE*76 | dE*94 | dE*CM | dE*00 | dE*85 | NR       | L*0 | a*0 | b*0 | C*0 | h0  | L*1 | a*1 | b*1 | C*1 | h1  | CODE     | % |
|---------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|-------|-------|-------|-------|-------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|---|
| %1000*(CIEXYZ & DV) for all colours (a) of experiment, iimp=114, colour difference pairs Ks_LD114, xchart3=0, xchart4=0 % |         |         |         |         |         |         |         |         |         |       |       |       |       |       |       |          |     |     |     |     |     |     |     |     |     |     |          |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0031694 | 0016902 | 0008998 | 0032513 | 0016565 | 0021124 | 0017199 | 02978 | 02979 | 01410 | 01287 | 01449 | 10825 | 47000101 | 48  | 70  | 23  | 74  | 18  | 48  | 75  | -5  | 75  | 355 | (Y-Yn)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0031694 | 0016902 | 0008998 | 0030216 | 0016788 | 0002548 | 0011750 | 03000 | 03004 | 01358 | 01718 | 01445 | 04645 | 47000102 | 48  | 70  | 23  | 74  | 18  | 48  | 65  | 53  | 84  | 39  | (Yn-YN)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0046516 | 0039355 | 0004903 | 0030216 | 0016788 | 0002548 | 0026649 | 04865 | 04865 | 02890 | 04197 | 03096 | 20912 | 47000103 | 69  | 27  | 75  | 80  | 69  | 48  | 65  | 53  | 84  | 39  | (YN-Ny)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0046516 | 0039355 | 0004903 | 0066886 | 0074058 | 0007601 | 0029980 | 04666 | 04665 | 02662 | 02657 | 02566 | 16293 | 47000104 | 69  | 27  | 75  | 80  | 69  | 89  | -7  | 98  | 98  | 94  | (Ny-N)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0027965 | 0040593 | 0007138 | 0066390 | 0073526 | 0007533 | 0023185 | 04703 | 04703 | 02601 | 02299 | 02257 | 14936 | 47000105 | 70  | -37 | 67  | 77  | 119 | 89  | -7  | 98  | 98  | 94  | (L-Ln)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0027965 | 0040593 | 0007138 | 0009640 | 0020746 | 0006848 | 0020658 | 04176 | 04178 | 02460 | 02181 | 02126 | 15850 | 47000106 | 70  | -37 | 67  | 77  | 119 | 53  | -62 | 38  | 73  | 148 | (Ln-LN)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0013844 | 0023804 | 0027534 | 0009640 | 0020746 | 0006848 | 0023860 | 04446 | 04448 | 02264 | 01982 | 01877 | 12479 | 47000107 | 56  | -46 | -2  | 46  | 183 | 53  | -62 | 38  | 73  | 148 | (LN-NL)% |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0013844 | 0023804 | 0027534 | 0019533 | 0027602 | 0070154 | 0017957 | 04333 | 04334 | 02547 | 02261 | 02304 | 18161 | 47000108 | 56  | -46 | -2  | 46  | 183 | 60  | -30 | -42 | 52  | 234 | (NL-N)%  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0024135 | 0025429 | 0024909 | 0082008 | 0087263 | 0085081 | 0027738 | 03747 | 03747 | 03744 | 02824 | 02708 | 26978 | 47000109 | 58  | 0   | 4   | 4   | 92  | 95  | -1  | 6   | 7   | 104 | (Z-W) %  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0024135 | 0025429 | 0024909 | 0002845 | 0002949 | 0002928 | 0031951 | 03771 | 03771 | 03769 | 04007 | 03260 | 33961 | 47000110 | 58  | 0   | 4   | 4   | 92  | 20  | 0   | 1   | 2   | 67  | (Z-N) %  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0046715 | 0049536 | 0049646 | 0081804 | 0087018 | 0085061 | 0013463 | 01912 | 01912 | 01907 | 01383 | 01261 | 13619 | 47000111 | 76  | -1  | 4   | 4   | 103 | 95  | -1  | 6   | 6   | 104 | (H-W) %  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0046715 | 0049536 | 0049646 | 0024501 | 0025747 | 0025428 | 0014526 | 01802 | 01802 | 01801 | 01439 | 01455 | 15167 | 47000112 | 76  | -1  | 4   | 4   | 103 | 58  | 0   | 4   | 4   | 88  | (H-Z) %  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0010136 | 0010606 | 0010408 | 0024501 | 0025747 | 0025428 | 0016404 | 01890 | 01890 | 01889 | 01769 | 01874 | 18552 | 47000113 | 39  | 0   | 3   | 3   | 82  | 58  | 0   | 4   | 4   | 88  | (D-Z) %  |   |
| 0095050                                                                                                                   | 0100000 | 0108900 | 0010136 | 0010606 | 0010408 | 0002979 | 0003090 | 0003102 | 0015837 | 01855 | 01855 | 01853 | 02324 | 01432 | 19879 | 47000114 | 39  | 0   | 3   | 3   | 82  | 20  | 0   | 1   | 1   | 66  | (D-N) %  |   |

| %Xn | Yn | Zn | X0 | Y0 | Z0 | X1 | Y1 | Z1 | DV | dE*ab | dE*76 | dE*94 | dE*CM | dE*00 | dE*85 | NR | L*0 | a*0 | b*0 | C*0 | h0 | L*1 | a*1 | b*1 | C*1 | h1 | CODE | % |
|-----|----|----|----|----|----|----|----|----|----|-------|-------|-------|-------|-------|-------|----|-----|-----|-----|-----|----|-----|-----|-----|-----|----|------|---|
|-----|----|----|----|----|----|----|----|----|----|-------|-------|-------|-------|-------|-------|----|-----|-----|-----|-----|----|-----|-----|-----|-----|----|------|---|

%1000\*(CIEXYZ & DV) for all colours (a) of experiment, iimp=114, colour difference pairs Ks\_LD114, xchart3=0, xchart4=0 %

Minimum, maximum and average colour difference value

STRESS constant F and STRESS value S

iai+1 = 114, d\_CIELABmin = 12.86, d\_CIELABmax = 120.78, d\_CIELABave = 40.07

iai+1 = 114, CIELAB\_Fa = 1.76, CIELAB\_STRESSa = 19.92

  

iai+1 = 114, d\_CIELCHmin = 12.86, d\_CIELCHmax = 120.8, d\_CIELCHave = 40.08

iai+1 = 114, CIELCHFa = 1.76, CIELCHSTRESSa = 19.92

  

iai+1 = 114, d\_C94LCHmin = 4.78, d\_C94LCHmax = 73.0, d\_C94LCHave = 23.32

iai+1 = 114, C94LCHFa = 1.03, C94LCHSTRESSa = 16.7

  

iai+1 = 114, d\_CMCLCHmin = 5.69, d\_CMCLCHmax = 72.33, d\_CMCLCHave = 24.89

iai+1 = 114, CMCLCHFa = 1.09, CMCLCHSTRESSa = 18.44

  

iai+1 = 114, d\_C00LCHmin = 4.17, d\_C00LCHmax = 73.27, d\_C00LCHave = 22.34

iai+1 = 114, C00LCHFa = 0.99, C00LCHSTRESSa = 16.64

  

iai+1 = 114, d\_C85LCHmin = 20.1, d\_C85LCHmax = 584.44, d\_C85LCHave = 179.49

iai+1 = 114, C85LCHFa = 7.87, C85LCHSTRESSa = 20.12

| %L*a*b*                                                                                                           | a*     | b*     | C*ab0 | hab0   | L*1   | a*1    | b*1    | C*ab1  | hab1  | DV    | dE*ab    | dE*94 | dE*CM | dE*00 | dE*85          | NR       | L*0 | a*0 | b*0 | C*0 | h0  | L*1 | a*1 | b*1 | C*1 | h1      | CODE    | % |
|-------------------------------------------------------------------------------------------------------------------|--------|--------|-------|--------|-------|--------|--------|--------|-------|-------|----------|-------|-------|-------|----------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|---------|---|
| %CIELAB data for all colour (a) of experiment, iimp=114, colour difference pairs Ks_LD114, xchart3=0, xchart4=0 % |        |        |       |        |       |        |        |        |       |       |          |       |       |       |                |          |     |     |     |     |     |     |     |     |     |         |         |   |
| 76.92                                                                                                             | -16.5  | -18.32 | 24.65 | 227.99 | 94.81 | -1.88  | 7.03   | 7.28   | 104.9 | 20.66 | 34.3     | 26.14 | 27.53 | 24.61 | 157.8647000001 | 77       | -16 | -18 | 24  | 227 | 95  | -1  | 7   | 7   | 104 | (CW_W)% |         |   |
| 76.92                                                                                                             | -16.5  | -18.32 | 24.65 | 227.99 | 59.47 | -30.95 | -42.42 | 52.51  | 233.8 | 21.15 | 33.07    | 22.04 | 18.56 | 17.2  | 195.7247000002 | 77       | -16 | -18 | 24  | 227 | 59  | -30 | -42 | 52  | 233 | (CW-C)% |         |   |
| 60.04                                                                                                             | 15.6   | -19.12 | 24.68 | 309.22 | 94.81 | -1.79  | 6.81   | 7.04   | 104.7 | 29.52 | 46.73    | 40.4  | 36.71 | 34.43 | 275.9547000003 | 60       | 15  | -19 | 24  | 309 | 95  | -1  | 6   | 7   | 104 | (VW-W)% |         |   |
| 60.04                                                                                                             | 15.6   | -19.12 | 24.68 | 309.22 | 27.17 | 31.22  | -43.72 | 53.73  | 305.5 | 37.3  | 43.93    | 35.68 | 34.97 | 32.39 | 390.0447000004 | 60       | 15  | -19 | 24  | 309 | 27  | 31  | -43 | 53  | 305 | (VW-V)% |         |   |
| 71.43                                                                                                             | 37.52  | -0.14  | 37.52 | 359.77 | 94.86 | -1.78  | 6.8    | 7.03   | 104.7 | 24.78 | 46.28    | 30.81 | 32.04 | 30.28 | 184.0547000005 | 71       | 37  | 0   | 37  | 359 | 95  | -1  | 6   | 7   | 104 | (MW-W)% |         |   |
| 71.43                                                                                                             | 37.52  | -0.14  | 37.52 | 359.77 | 48.35 | 75.01  | -6.6   | 75.3   | 354.9 | 28.55 | 44.49    | 27.16 | 23.96 | 23.05 | 225.3847000006 | 71       | 37  | 0   | 37  | 359 | 48  | 75  | -6  | 7   | 354 | (MW-M)% |         |   |
| 71.84                                                                                                             | 30.27  | 30.48  | 42.96 | 45.19  | 94.84 | -1.72  | 6.56   | 6.78   | 104.7 | 24.09 | 46.1     | 28.06 | 31.78 | 28.36 | 187.9347000007 | 72       | 30  | 30  | 42  | 45  | 95  | -1  | 6   | 6   | 104 | (OW-W)% |         |   |
| 71.84                                                                                                             | 30.27  | 30.48  | 42.96 | 45.19  | 48.38 | 65.14  | 52.52  | 83.68  | 38.8  | 27.75 | 47.44    | 27.54 | 24.82 | 23.49 | 228.8847000008 | 72       | 30  | 30  | 42  | 45  | 48  | 65  | 52  | 83  | 38  | (OW-O)% |         |   |
| 91.97                                                                                                             | -9.86  | 53.05  | 53.96 | 100.53 | 94.84 | -1.85  | 6.95   | 7.2    | 104.9 | 15.33 | 46.87    | 13.96 | 23.13 | 19.79 | 91.93          | 47000009 | 92  | -9  | 53  | 53  | 100 | 95  | -1  | 6   | 7   | 104     | (YW-W)% |   |
| 91.97                                                                                                             | -9.86  | 53.05  | 53.96 | 100.53 | 88.82 | -7.58  | 99.93  | 100.21 | 94.3  | 15.88 | 47.03    | 14.53 | 15.69 | 11.42 | 45.4           | 47000010 | 92  | -9  | 53  | 53  | 100 | 89  | -7  | 99  | 100 | 94      | (YW-Y)% |   |
| 72.66                                                                                                             | -33.32 | 23.57  | 40.82 | 144.71 | 94.84 | -1.84  | 6.93   | 7.18   | 104.8 | 20.75 | 41.95    | 26.17 | 26.11 | 24.49 | 174.5          | 47000011 | 73  | -33 | 23  | 40  | 144 | 95  | -1  | 6   | 7   | 104     | (LW-W)% |   |
| 72.66                                                                                                             | -33.32 | 23.57  | 40.82 | 144.71 | 52.76 | -62.63 | 40.43  | 74.54  | 147.1 | 23.07 | 39.23    | 23.22 | 20.48 | 19.33 | 184.4947000012 | 73       | -33 | 23  | 40  | 144 | 53  | -62 | 40  | 74  | 147 | (LW-L)% |         |   |
| 39.48                                                                                                             | -15.2  | -20.28 | 25.34 | 233.14 | 59.85 | -30.62 | -42.21 | 52.14  | 234.0 | 23.13 | 33.66    | 23.9  | 22.16 | 22.57 | 206.7947000013 | 39       | -15 | -20 | 25  | 233 | 60  | -30 | -42 | 52  | 234 | (CN-C)% |         |   |
| 39.48                                                                                                             | -15.2  | -20.28 | 25.34 | 233.14 | 20.63 | 0.84   | 1.78   | 1.97   | 64.6  | 24.25 | 33.16    | 24.05 | 31.86 | 24.82 | 231.0547000014 | 39       | -15 | -20 | 25  | 233 | 21  | 0   | 1   | 1   | 64  | (CN-N)% |         |   |
| 24.44                                                                                                             | 16.76  | -21.53 | 27.28 | 307.89 | 27.97 | 31.55  | -43.55 | 53.78  | 305.9 | 14.67 | 26.76    | 12.44 | 12.39 | 9.97  | 112.4347000015 | 24       | 16  | -21 | 27  | 307 | 28  | 31  | -43 | 53  | 305 | (VN-V)% |         |   |
| 24.44                                                                                                             | 16.76  | -21.53 | 27.28 | 307.89 | 20.77 | 1.23   | 1.77   | 2.16   | 55.2  | 14.84 | 28.24    | 14.75 | 21.71 | 19.55 | 131.4347000016 | 24       | 16  | -21 | 27  | 307 | 21  | 1   | 1   | 2   | 55  | (VN-N)% |         |   |
| 34.04                                                                                                             | 36.72  | -1.83  | 36.76 | 357.13 | 47.78 | 75.31  | -6.07  | 75.55  | 355.3 | 22.26 | 41.18    | 20.08 | 20.14 | 16.47 | 154.2947000017 | 34       | 36  | -1  | 36  | 357 | 48  | 75  | -6  | 75  | 355 | (MN-M)% |         |   |
| 34.04                                                                                                             | 36.72  | -1.83  | 36.76 | 357.13 | 19.93 | 0.77   | 1.7    | 1.87   | 65.5  | 19.32 | 38.78    | 20.2  | 29.61 | 25.1  | 172.5347000018 | 34       | 36  | -1  | 36  | 357 | 20  | 0   | 1   | 1   | 65  | (MN-N)% |         |   |
| 34.0                                                                                                              | 32.93  | 28.16  | 43.33 | 40.53  | 48.1  | 65.22  | 53.45  | 84.32  | 39.3  | 20.68 | 43.36    | 19.81 | 20.39 | 16.46 | 155.7547000019 | 34       | 32  | 28  | 43  | 40  | 48  | 65  | 53  | 84  | 39  | (ON-O)% |         |   |
| 34.0                                                                                                              | 32.93  | 28.16  | 43.33 | 40.53  | 20.08 | 0.69   | 1.81   | 1.93   | 69.0  | 20.38 | 43.9     | 19.95 | 30.86 | 24.54 | 180.6247000020 | 34       | 32  | 28  | 43  | 40  | 20  | 0   | 1   | 1   | 69  | (ON-N)% |         |   |
| 54.27                                                                                                             | -4.64  | 50.26  | 50.47 | 95.28  | 88.97 | -7.92  | 98.7   | 99.02  | 94.5  | 30.46 | 59.67    | 37.74 | 31.15 | 28.59 | 262.9947000021 | 54       | -4  | 50  | 50  | 95  | 89  | -7  | 98  | 99  | 94  | (YN-Y)% |         |   |
| 54.27                                                                                                             | -4.64  | 50.26  | 50.47 | 95.28  | 20.67 | 0.85   | 1.66   | 1.86   | 62.8  | 34.67 | 59.33    | 36.86 | 44.93 | 36.55 | 331.4          | 47000022 | 54  | -4  | 50  | 50  | 95  | 21  | 0   | 1   | 1   | 62      | (YN-N)% |   |
| 35.97                                                                                                             | -31.47 | 20.06  | 37.32 | 147.48 | 53.5  | -62.18 | 40.17  | 74.03  | 147.1 | 19.99 | 40.68    | 22.25 | 21.88 | 19.57 | 180.6847000023 | 36       | -31 | 20  | 37  | 147 | 54  | -62 | 40  | 74  | 147 | (LN-L)% |         |   |
| 35.97                                                                                                             | -31.47 | 20.06  | 37.32 | 147.48 | 20.93 | 1.15   | 1.7    | 2.05   | 55.8  | 26.57 | 40.34    | 21.54 | 31.27 | 27.0  | 182.5847000024 | 36       | -31 | 20  | 37  | 147 | 21  | 1   | 1   | 2   | 55  | (LN-N)% |         |   |
| 58.97                                                                                                             | -30.87 | -42.88 | 52.84 | 234.25 | 94.94 | -1.84  | 7.1    | 7.33   | 104.5 | 37.97 | 68.08    | 43.25 | 42.39 | 39.98 | 346.3147000025 | 59       | -30 | -42 | 52  | 234 | 95  | -1  | 7   | 7   | 104 | (C-W)%  |         |   |
| 58.97                                                                                                             | -30.87 | -42.88 | 52.84 | 234.25 | 19.21 | 0.26   | 0.55   | 0.61   | 64.2  | 44.78 | 66.61    | 43.12 | 50.75 | 42.77 | 398.8647000026 | 59       | -30 | -42 | 52  | 234 | 19  | 0   | 0   | 0   | 64  | (C-N)%  |         |   |
| 26.34                                                                                                             | 31.07  | -44.05 | 53.91 | 305.2  | 94.8  | -1.79  | 6.91   | 7.14   | 104.5 | 67.84 | 91.46    | 73.0  | 66.5  | 67.95 | 584.4447000027 | 26       | 31  | -44 | 53  | 305 | 95  | -1  | 6   | 7   | 104 | (V-W)%  |         |   |
| 26.34                                                                                                             | 31.07  | -44.05 | 53.91 | 305.2  | 19.41 | 0.34   | 0.92   | 0.98   | 69.4  | 26.3  | 54.91    | 18.36 | 30.66 | 26.2  | 241.1347000028 | 26       | 31  | -44 | 53  | 305 | 19  | 0   | 0   | 0   | 69  | (V-N)%  |         |   |
| 47.83                                                                                                             | 75.18  | -5.96  | 75.42 | 355.46 | 94.77 | -1.74  | 6.71   | 6.93   | 104.5 | 35.91 | 91.01    | 52.46 | 51.58 | 47.52 | 375.4547000029 | 48       | 75  | -5  | 75  | 355 | 95  | -1  | 6   | 6   | 104 | (M-W)%  |         |   |
| 47.83                                                                                                             | 75.18  | -5.96  | 75.42 | 355.46 | 19.73 | 0.61   | 1.03   | 1.19   | 59.3  | 47.71 | 80.0     | 33.12 | 46.45 | 36.11 | 310.6847000030 | 48       | 75  | -5  | 75  | 355 | 20  | 0   | 1   | 1   | 59  | (W-N)%  |         |   |
| 48.03                                                                                                             | 65.32  | 52.63  | 83.89 | 38.85  | 94.76 | -1.74  | 6.63   | 6.85   | 104.7 | 42.3  | 93.8     | 50.76 | 52.8  | 47.51 | 382.0247000031 | 48       | 65  | 52  | 83  | 38  | 95  | -1  | 6   | 6   | 104 | (O-W)%  |         |   |
| 48.03                                                                                                             | 65.32  | 52.63  | 83.89 | 38.85  | 19.98 | 0.42   | 0.95   | 1.04   | 66.0  | 41.81 | 87.58    | 33.03 | 47.68 | 36.62 | 320.6547000032 | 48       | 65  | 52  | 83  | 38  | 20  | 0   | 0   | 1   | 66  | (O-N)%  |         |   |
| 88.8                                                                                                              | -7.51  | 99.36  | 99.65 | 94.32  | 94.77 | -1.87  | 7.05   | 7.29   | 104.8 | 34.39 | 92.68    | 17.98 | 35.29 | 27.54 | 134.8547000033 | 89       | -7  | 99  | 99  | 94  | 95  | -1  | 7   | 7   | 104 | (Y-W)%  |         |   |
| 88.8                                                                                                              | -7.51  | 99.36  | 99.65 | 94.32  | 19.37 | 0.33   | 0.83   | 0.9    | 68.0  | 66.42 | 120.7871 | 73    | 72.33 | 73.27 | 465.2547000034 | 89       | -7  | 99  | 99  | 94  | 19  | 0   | 0   | 0   | 68  | (Y-N)%  |         |   |
| 52.21                                                                                                             | -63.29 | 39.18  | 74.43 | 148.23 | 94.84 | -1.85  | 7.07   | 7.31   | 104.6 | 40.89 | 81.37    | 46.07 | 44.53 | 40.78 | 333.8          | 47000035 | 52  | -63 | 39  | 74  | 148 | 95  | -1  | 7   | 7   | 104     | (L-W)%  |   |
| 52.21                                                                                                             | -63.29 | 39.18  | 74.43 | 148.23 | 19.36 | 0.52   | 0.8    | 0.96   | 57.1  | 39.47 | 81.38    | 37.37 | 49.7  | 39.57 | 335.9347000036 | 52       | -63 | 39  | 74  | 148 | 19  | 0   | 0   | 0   | 57  | (L-N)%  |         |   |
| 26.94                                                                                                             | 30.93  | -43.65 | 53.5  | 305.32 | 59.18 | -30.71 | -42.85 | 52.72  | 234.3 | 40.14 | 69.58    | 47.0  | 50.42 | 48.92 | 358.7147000037 | 27       | 30  | -43 | 53  | 305 | 59  | -30 | -42 | 52  | 234 | (V-C)%  |         |   |
| 26.94                                                                                                             | 30.93  | -43.65 | 53.5  | 305.32 | 47.97 | 74.73  | -5.97  | 74.96  | 355.4 | 39.21 | 61.48    | 36.97 | 35.65 | 30.42 | 346.5647000038 | 27       | 30  | -43 | 53  | 305 | 48  | 74  | -5  | 74  | 355 | (V-M)%  |         |   |
| 48.0                                                                                                              | 65.18  | 52.56  | 83.73 | 38.88  | 47.94 | 74.77  | -6.06  | 75.01  | 355.3 | 27.63 | 59.4     | 26.11 | 24.95 | 27.0  | 154.4747000039 | 48       | 65  | 52  | 83  | 38  | 48  | 74  | -6  | 75  | 355 | (O-M)%  |         |   |
| 48.0                                                                                                              | 65.18  | 52.56  | 83.73 | 38.88  | 88.99 | -7.76  | 98.11  | 98.42  | 94.5  | 56.26 | 95.27    | 55.68 | 66.89 | 56.89 | 343.8847000040 | 48       | 65  | 52  | 83  | 38  | 89  | -7  | 98  | 98  | 94  | (O-Y)%  |         |   |
| 52.12                                                                                                             | -63.26 | 39.22  | 74.44 | 148.2  | 88.8  | -7.55  | 99.1   | 99.38  | 94.3  | 51.78 | 89.63    | 52.27 | 44.43 | 42.77 | 291.1947000041 | 52       | -63 | 39  | 74  | 148 | 89  | -7  | 99  | 99  | 94  | (L-Y)%  |         |   |
| 52.12                                                                                                             | -63.26 | 39.22  | 74.44 | 148.2  | 59.07 | -30.86 | -42.71 | 52.69  | 234.1 | 36.69 | 88.38    | 41.24 | 40.59 | 45.7  | 308.8          | 47000042 | 52  | -63 | 39  | 74  | 148 | 59  | -30 | -42 | 52  | 234     | (L-C)%  |   |
| 59.12                                                                                                             | -30.87 | -42.78 | 52.75 | 234.18 | 26.74 | 30.87  | -43.79 | 53.58  | 305.1 | 52.69 | 69.72    | 47.29 | 50.55 | 48.91 | 360.6347000043 | 59       | -30 | -42 | 52  | 234 | 27  | 30  | -43 | 53  | 305 | (C-V)%  |         |   |
| 59.12                                                                                                             | -30.87 | -42.78 | 52.75 | 234.18 | 52.26 | -63.1  | 39.08  | 74.22  | 148.2 | 41.89 | 88.24    | 48.54 | 40.55 | 45.67 | 308.5347000044 | 59       | -30 | -42 | 52  | 234 | 52  | -63 | 39  | 74  | 148 | (C-L)%  |         |   |
| 88.91                                                                                                             | -7.68  | 98.58  | 98.88 | 94.45  | 52.48 | -62.87 | 39.41  | 74.21  | 147.9 | 50.66 | 88.73    | 48.07 | 44.05 | 42.42 | 289.0547000045 | 89       | -7  | 98  | 98  | 94  | 52  | -62 | 39  | 74  | 147 | (Y-L)%  |         |   |
| 88.91                                                                                                             | -7.68  | 98.58  | 98.88 | 94.45  | 48.19 | 65.03  | 53.13  | 83.98  | 39.2  | 48.33 | 94.92    | 53.12 | 66.42 | 56.57 | 342.0847000046 | 89       | -7  | 98  | 98  | 94  | 48  | 65  | 53  | 83  | 39  | (Y-O)%  |         |   |
| 47.91                                                                                                             | 75.04  | -6.42  | 75.31 | 355.1  | 48.1  | 65.05  | 52.9   | 83.85  | 39.1  | 21.57 | 60.16    | 28.03 | 25.25 | 27.32 | 156.6          | 47000047 | 48  | 75  | -6  | 75  | 355 | 48  | 65  | 52  | 83  |         |         |   |

| %L*a*b*                                                                                                           | a*     | b*     | C*ab0 | hab0   | L*1   | a*1    | b*1    | C*ab1  | hab1  | DV    | dE*ab | dE*94 | dE*CM | dE*00 | dE*85          | NR       | L*0 | a*0 | b*0 | C*0 | h0  | L*1 | a*1 | b*1 | C*1 | h1       | CODE %  |
|-------------------------------------------------------------------------------------------------------------------|--------|--------|-------|--------|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|----------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|---------|
| %CIELAB data for all colour (a) of experiment, iimp=114, colour difference pairs Ks_LD114, xchart3=0, xchart4=0 % |        |        |       |        |       |        |        |        |       |       |       |       |       |       |                |          |     |     |     |     |     |     |     |     |     |          |         |
| 68.66                                                                                                             | -23.57 | -30.34 | 38.42 | 232.15 | 76.82 | -16.48 | -18.78 | 24.99  | 228.7 | 8.89  | 15.82 | 9.6   | 9.1   | 8.29  | 87.45          | 47000051 | 69  | -23 | -30 | 38  | 232 | 77  | -16 | -18 | 24  | 228      | (VM-V)% |
| 68.66                                                                                                             | -23.57 | -30.34 | 38.42 | 232.15 | 59.21 | -30.89 | -42.72 | 52.72  | 234.1 | 13.41 | 17.2  | 10.84 | 9.66  | 9.17  | 111.5247000052 | 69       | -23 | -30 | 38  | 232 | 59  | -30 | -42 | 52  | 234 | (VM-M)%  |         |
| 78.26                                                                                                             | 7.03   | -7.26  | 10.11 | 314.07 | 94.83 | -1.78  | 6.92   | 7.15   | 104.4 | 14.21 | 23.53 | 21.97 | 22.09 | 19.09 | 127.9847000053 | 78       | 7   | -7  | 10  | 314 | 95  | -1  | 6   | 7   | 104 | (MO-M)%  |         |
| 78.26                                                                                                             | 7.03   | -7.26  | 10.11 | 314.07 | 60.16 | 15.71  | -20.22 | 25.61  | 307.8 | 17.81 | 23.89 | 21.05 | 17.38 | 16.84 | 164.2547000054 | 78       | 7   | -7  | 10  | 314 | 60  | 15  | -20 | 25  | 307 | (MO-O)%  |         |
| 44.12                                                                                                             | 23.52  | -32.0  | 39.72 | 306.31 | 60.16 | 15.71  | -20.22 | 25.61  | 307.8 | 16.61 | 21.37 | 16.82 | 15.91 | 16.87 | 180.1347000055 | 44       | 23  | -32 | 39  | 306 | 60  | 15  | -20 | 25  | 307 | (YO-O)%  |         |
| 44.12                                                                                                             | 23.52  | -32.0  | 39.72 | 306.31 | 26.65 | 33.14  | -44.14 | 55.19  | 306.8 | 19.41 | 23.34 | 18.33 | 20.53 | 15.24 | 235.0647000056 | 44       | 23  | -32 | 39  | 306 | 27  | 33  | -44 | 55  | 306 | (YO-Y)%  |         |
| 83.93                                                                                                             | 17.5   | 2.92   | 17.74 | 9.49   | 94.88 | -1.72  | 6.62   | 6.85   | 104.6 | 13.21 | 22.43 | 17.93 | 33.05 | 22.45 | 83.49 47000057 | 84       | 17  | 2   | 17  | 9   | 95  | -1  | 6   | 6   | 104 | (YL-Y)%  |         |
| 83.93                                                                                                             | 17.5   | 2.92   | 17.74 | 9.49   | 71.51 | 37.49  | -0.69  | 37.49  | 358.9 | 14.78 | 23.81 | 16.99 | 14.16 | 13.13 | 104.4347000058 | 84       | 17  | 2   | 17  | 9   | 72  | 37  | 0   | 37  | 358 | (YL-L)%  |         |
| 60.11                                                                                                             | 56.15  | -3.71  | 56.27 | 356.21 | 71.51 | 37.49  | -0.69  | 37.49  | 358.9 | 12.87 | 22.07 | 12.63 | 11.91 | 11.13 | 108.1847000059 | 60       | 56  | -3  | 56  | 356 | 72  | 37  | 0   | 37  | 358 | (CL-L)%  |         |
| 60.11                                                                                                             | 56.15  | -3.71  | 56.27 | 356.21 | 48.19 | 74.87  | -6.4   | 75.15  | 355.1 | 18.26 | 22.36 | 13.08 | 12.38 | 12.4  | 126.1347000060 | 60       | 56  | -3  | 56  | 356 | 48  | 74  | -6  | 75  | 355 | (CL-C)%  |         |
| 82.72                                                                                                             | 14.61  | 17.56  | 22.84 | 50.23  | 94.77 | -1.83  | 6.82   | 7.06   | 105.0 | 13.52 | 23.04 | 16.78 | 20.87 | 19.59 | 94.62 47000061 | 83       | 14  | 17  | 22  | 50  | 95  | -1  | 6   | 7   | 105 | (W-WC)%  |         |
| 82.72                                                                                                             | 14.61  | 17.56  | 22.84 | 50.23  | 71.26 | 31.43  | 30.25  | 43.62  | 43.9  | 12.54 | 23.98 | 15.59 | 13.62 | 12.03 | 101.4347000062 | 83       | 14  | 17  | 22  | 50  | 71  | 31  | 30  | 43  | 43  | (Wc-CW)% |         |
| 59.27                                                                                                             | 49.53  | 42.31  | 65.14 | 40.5   | 71.26 | 31.43  | 30.25  | 43.62  | 43.9  | 12.05 | 24.83 | 13.27 | 12.85 | 11.81 | 116.0247000063 | 59       | 49  | 42  | 65  | 40  | 71  | 31  | 30  | 43  | 43  | (CW-Cw)% |         |
| 59.27                                                                                                             | 49.53  | 42.31  | 65.14 | 40.5   | 47.82 | 65.36  | 53.0   | 84.15  | 39.0  | 17.27 | 22.26 | 12.46 | 11.98 | 11.95 | 121.2347000064 | 59       | 49  | 42  | 65  | 40  | 48  | 65  | 53  | 84  | 39  | (Cw-C)%  |         |
| 93.46                                                                                                             | -6.98  | 29.54  | 30.36 | 103.29 | 94.75 | -1.7   | 6.77   | 6.98   | 104.1 | 7.91  | 23.41 | 9.96  | 14.68 | 12.85 | 53.73 47000065 | 93       | -6  | 29  | 30  | 103 | 95  | -1  | 6   | 6   | 104 | (W-WV)%  |         |
| 93.46                                                                                                             | -6.98  | 29.54  | 30.36 | 103.29 | 91.76 | -9.58  | 54.58  | 55.41  | 99.9  | 8.78  | 25.22 | 10.84 | 10.65 | 8.76  | 40.99 47000066 | 93       | -6  | 29  | 30  | 103 | 92  | -9  | 54  | 55  | 99  | (Wv-VW)% |         |
| 90.52                                                                                                             | -9.92  | 78.96  | 79.58 | 97.16  | 91.76 | -9.58  | 54.58  | 55.41  | 99.9  | 9.92  | 24.41 | 5.61  | 8.49  | 6.32  | 25.8 47000067  | 91       | -9  | 78  | 79  | 97  | 92  | -9  | 54  | 55  | 99  | (VW-Vw)% |         |
| 90.52                                                                                                             | -9.92  | 78.96  | 79.58 | 97.16  | 88.45 | -7.38  | 99.68  | 99.96  | 94.2  | 6.19  | 20.98 | 5.32  | 6.78  | 4.87  | 20.1 47000068  | 91       | -9  | 78  | 79  | 97  | 88  | -7  | 99  | 99  | 94  | (Vw-V)%  |         |
| 84.61                                                                                                             | -17.13 | 14.24  | 22.28 | 140.24 | 94.82 | -1.73  | 6.64   | 6.86   | 104.6 | 10.01 | 19.98 | 13.99 | 14.9  | 15.2  | 78.76 47000069 | 85       | -17 | 14  | 22  | 140 | 95  | -1  | 6   | 6   | 104 | (W-WM)%  |         |
| 84.61                                                                                                             | -17.13 | 14.24  | 22.28 | 140.24 | 72.8  | -32.83 | 21.86  | 39.44  | 146.3 | 10.76 | 21.07 | 14.78 | 12.3  | 11.23 | 97.24 47000070 | 85       | -17 | 14  | 22  | 140 | 73  | -32 | 21  | 39  | 146 | (Wm-Wm)% |         |
| 63.61                                                                                                             | -47.59 | 30.84  | 56.71 | 147.04 | 72.8  | -32.83 | 21.86  | 39.44  | 146.3 | 11.28 | 19.57 | 10.39 | 9.97  | 9.08  | 85.02 47000071 | 64       | -47 | 30  | 56  | 147 | 73  | -32 | 21  | 39  | 146 | (Mw-Mw)% |         |
| 63.61                                                                                                             | -47.59 | 30.84  | 56.71 | 147.04 | 53.07 | -62.51 | 39.73  | 74.07  | 147.5 | 13.93 | 20.31 | 11.62 | 10.78 | 10.46 | 103.1947000072 | 64       | -47 | 30  | 56  | 147 | 53  | -62 | 39  | 74  | 147 | (Mw-M)%  |         |
| 49.02                                                                                                             | -23.11 | -32.02 | 39.49 | 234.17 | 59.29 | -30.8  | -42.63 | 52.59  | 234.1 | 13.1  | 16.64 | 11.29 | 10.48 | 10.73 | 102.1747000073 | 49       | -23 | -32 | 39  | 234 | 59  | -30 | -42 | 52  | 234 | (W-O)%   |         |
| 49.02                                                                                                             | -23.11 | -32.02 | 39.49 | 234.17 | 38.64 | -15.42 | -21.38 | 26.36  | 234.2 | 10.87 | 16.73 | 11.4  | 11.99 | 11.02 | 113.8947000074 | 49       | -23 | -32 | 39  | 234 | 39  | -15 | -21 | 26  | 234 | (Wo-OW)% |         |
| 28.65                                                                                                             | -9.02  | -10.15 | 13.58 | 228.38 | 38.64 | -15.42 | -21.38 | 26.36  | 234.2 | 11.99 | 16.34 | 12.86 | 14.01 | 10.7  | 120.8547000075 | 29       | -9  | -10 | 13  | 228 | 39  | -15 | -21 | 26  | 234 | (OW-Ow)% |         |
| 28.65                                                                                                             | -9.02  | -10.15 | 13.58 | 228.38 | 19.56 | 0.41   | 1.07   | 1.15   | 69.0  | 11.43 | 17.25 | 13.56 | 19.71 | 14.95 | 117.0847000076 | 29       | -9  | -10 | 13  | 228 | 20  | 0   | 1   | 1   | 69  | (Ow-O)%  |         |
| 24.56                                                                                                             | 25.22  | -34.03 | 42.36 | 306.54 | 26.49 | 33.22  | -43.92 | 55.07  | 307.1 | 5.26  | 12.86 | 4.78  | 5.69  | 4.17  | 47.56 47000077 | 25       | 25  | -34 | 42  | 306 | 26  | 33  | -43 | 55  | 307 | (W-Wy)%  |         |
| 24.56                                                                                                             | 25.22  | -34.03 | 42.36 | 306.54 | 22.56 | 17.31  | -22.73 | 28.57  | 307.3 | 9.92  | 13.93 | 5.15  | 6.96  | 5.58  | 58.37 47000078 | 25       | 25  | -34 | 42  | 306 | 23  | 17  | -22 | 28  | 307 | (Wy-YW)% |         |
| 21.33                                                                                                             | 9.1    | -10.02 | 13.54 | 312.22 | 22.56 | 17.31  | -22.73 | 28.57  | 307.3 | 10.52 | 15.18 | 9.52  | 9.22  | 8.17  | 69.53 47000079 | 21       | 9   | -10 | 13  | 312 | 23  | 17  | -22 | 28  | 307 | (YW-Yw)% |         |
| 21.33                                                                                                             | 9.1    | -10.02 | 13.54 | 312.22 | 20.27 | 1.36   | 2.41   | 2.77   | 60.4  | 5.13  | 14.68 | 10.68 | 14.94 | 12.9  | 66.53 47000080 | 21       | 9   | -10 | 13  | 312 | 20  | 1   | 2   | 2   | 60  | (Yw-Y)%  |         |
| 40.01                                                                                                             | 56.45  | -5.38  | 56.7  | 354.55 | 48.12 | 74.91  | -6.43  | 75.19  | 355.0 | 12.46 | 20.19 | 9.63  | 10.22 | 8.89  | 87.29 47000081 | 40       | 56  | -5  | 56  | 354 | 48  | 74  | -6  | 75  | 355 | (W-WL)%  |         |
| 40.01                                                                                                             | 56.45  | -5.38  | 56.7  | 354.55 | 34.35 | 37.23  | -2.92  | 37.35  | 355.5 | 9.6   | 20.18 | 7.86  | 9.91  | 7.85  | 69.73 47000082 | 40       | 56  | -5  | 56  | 354 | 34  | 37  | -2  | 37  | 355 | (WL-LW)% |         |
| 27.14                                                                                                             | 19.67  | -0.31  | 19.67 | 359.07 | 34.35 | 37.23  | -2.92  | 37.35  | 355.5 | 10.25 | 19.16 | 11.9  | 12.67 | 9.82  | 87.86 47000083 | 27       | 19  | 0   | 19  | 359 | 34  | 37  | -2  | 37  | 355 | (LW-Lw)% |         |
| 27.14                                                                                                             | 19.67  | -0.31  | 19.67 | 359.07 | 20.39 | 0.73   | 1.31   | 1.5    | 60.8  | 11.81 | 20.17 | 12.53 | 18.69 | 17.55 | 86.56 47000084 | 27       | 19  | 0   | 19  | 359 | 20  | 0   | 1   | 1   | 60  | (Lw-L)%  |         |
| 40.2                                                                                                              | 49.0   | 39.58  | 62.99 | 38.92  | 47.91 | 65.35  | 53.38  | 84.38  | 39.2  | 12.42 | 22.74 | 9.51  | 10.36 | 8.73  | 83.56 47000085 | 40       | 49  | 39  | 62  | 38  | 48  | 65  | 53  | 84  | 39  | (C-Cn)%  |         |
| 40.2                                                                                                              | 49.0   | 39.58  | 62.99 | 38.92  | 33.46 | 32.62  | 27.53  | 42.68  | 40.1  | 8.8   | 21.42 | 8.59  | 10.71 | 8.3   | 79.33 47000086 | 40       | 49  | 39  | 62  | 38  | 33  | 32  | 27  | 42  | 40  | (Cn-CN)% |         |
| 26.61                                                                                                             | 17.95  | 15.15  | 23.49 | 40.17  | 33.46 | 32.62  | 27.53  | 42.68  | 40.1  | 10.04 | 20.38 | 11.57 | 12.45 | 9.4   | 84.24 47000087 | 27       | 17  | 15  | 23  | 40  | 33  | 32  | 27  | 42  | 40  | (CN-Nc)% |         |
| 26.61                                                                                                             | 17.95  | 15.15  | 23.49 | 40.17  | 19.59 | 0.71   | 1.1    | 1.31   | 57.0  | 12.73 | 23.32 | 12.91 | 20.0  | 17.56 | 98.2 47000088  | 27       | 17  | 15  | 23  | 40  | 20  | 0   | 1   | 1   | 57  | (Nc-N)%  |         |
| 72.52                                                                                                             | -8.07  | 74.92  | 75.35 | 96.15  | 88.33 | -7.24  | 99.93  | 100.19 | 94.1  | 20.32 | 29.6  | 16.85 | 13.99 | 12.1  | 119.2447000089 | 73       | -8  | 74  | 75  | 96  | 88  | -7  | 99  | 100 | 94  | (V-VN)%  |         |
| 72.52                                                                                                             | -8.07  | 74.92  | 75.35 | 96.15  | 54.05 | -4.89  | 50.73  | 50.96  | 95.5  | 13.54 | 30.6  | 19.29 | 17.35 | 16.79 | 160.6547000090 | 73       | -8  | 74  | 75  | 96  | 54  | -4  | 50  | 50  | 95  | (VN-VN)% |         |
| 37.3                                                                                                              | -2.09  | 27.31  | 27.39 | 94.38  | 54.05 | -4.89  | 50.73  | 50.96  | 95.5  | 13.74 | 28.92 | 19.8  | 19.16 | 18.16 | 170.7347000091 | 37       | -2  | 27  | 27  | 94  | 54  | -4  | 50  | 50  | 95  | (VN-Nv)% |         |
| 37.3                                                                                                              | -2.09  | 27.31  | 27.39 | 94.38  | 20.08 | 1.07   | 1.85   | 2.14   | 60.0  | 20.12 | 30.89 | 20.85 | 28.92 | 20.68 | 198.5947000092 | 37       | -2  | 27  | 27  | 94  | 20  | 1   | 1   | 2   | 60  | (Nv-N)%  |         |
| 43.97                                                                                                             | -47.51 | 30.23  | 56.32 | 147.53 | 52.91 | -62.69 | 39.95  | 74.34  | 147.4 | 13.19 | 20.12 | 10.29 | 10.43 | 9.98  | 91.63 47000093 | 44       | -47 | 30  | 56  | 147 | 53  | -62 | 39  | 74  | 147 | (M-Mn)%  |         |
| 43.97                                                                                                             | -47.51 | 30.23  | 56.32 | 147.53 | 35.1  | -31.89 | 19.31  | 37.29  | 148.7 | 8.69  | 21.02 | 10.39 | 12.05 | 9.89  | 98.49 47000094 | 44       | -47 | 30  | 56  | 147 | 35  | -31 | 19  | 37  | 148 | (Mn-MN)% |         |
| 26.99                                                                                                             | -15.81 | 9.68   | 18.54 | 148.52 | 35.1  | -31.89 | 19.31  | 37.29  | 148.7 | 12.25 | 20.42 | 13.04 | 13.8  | 10.64 | 96.02 47000095 | 27       | -15 | 9   | 18  | 148 | 35  | -31 | 19  | 37  | 148 | (MN-Nm)% |         |
| 26.99                                                                                                             | -15.81 | 9.68   | 18.54 | 148.52 | 20.32 | 0.77   | 1.63   | 1.8    | 64.5  | 14.3  | 19.6  | 12.82 | 19.22 | 17.93 | 86.3 47000096  | 27       | -15 | 9   | 18  | 148 | 20  | 0   | 1   | 1   | 64  | (Nm-N)%  |         |
| 42.54                                                                                                             | 0.12   | -43.43 | 43.43 | 270.16 | 59.08 | -30.79 | -42.82 | 52.74  | 234.2 | 24.62 | 35.07 | 24.54 | 23.57 | 23.49 | 177.2647000097 | 43       | 0   | -43 | 43  | 270 | 59  | -30 | -42 | 52  | 234 | (O-On)%  |         |
| 42.54                                                                                                             | 0.12   | -43.43 | 43.43 | 270.16 | 26.48 | 31.08  | -43.92 | 53.81  | 305.2 | 23.49 | 34.88 | 24.13 | 27.29 | 24.62 | 208            |          |     |     |     |     |     |     |     |     |     |          |         |

| %L*a0   | a*0                                                                                                               | b*0   | C*ab0 | hab0   | L*1   | a*1    | b*1   | C*ab1 | hab1  | DV    | dE*ab | dE*94 | dE*CM | dE*00 | dE*85  | NR        | L*0 | a*0 | b*0 | C*0 | h0  | L*1 | a*1 | b*1 | C*1 | h1  | CODE     | % |
|---------|-------------------------------------------------------------------------------------------------------------------|-------|-------|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|---|
| %CIELAB | %CIELAB data for all colour (a) of experiment, iimp=114, colour difference pairs Ks_LD114, xchart3=0, xchart4=0 % |       |       |        |       |        |       |       |       |       |       |       |       |       |        |           |     |     |     |     |     |     |     |     |     |     |          |   |
| 48.14   | 70.25                                                                                                             | 23.45 | 74.06 | 18.46  | 47.72 | 75.05  | -5.93 | 75.29 | 355.4 | 17.19 | 29.78 | 14.1  | 12.87 | 14.49 | 108.25 | 470000101 | 48  | 70  | 23  | 74  | 18  | 48  | 75  | -5  | 75  | 355 | (Y-Yn)%  |   |
| 48.14   | 70.25                                                                                                             | 23.45 | 74.06 | 18.46  | 48.0  | 65.39  | 53.06 | 84.22 | 39.0  | 11.75 | 30.0  | 13.58 | 17.18 | 14.45 | 46.45  | 470000102 | 48  | 70  | 23  | 74  | 18  | 48  | 65  | 53  | 84  | 39  | (Yn-YN)% |   |
| 69.01   | 27.6                                                                                                              | 75.37 | 80.27 | 69.88  | 48.0  | 65.39  | 53.06 | 84.22 | 39.0  | 26.64 | 48.65 | 28.9  | 41.97 | 30.96 | 209.12 | 470000103 | 69  | 27  | 75  | 80  | 69  | 48  | 65  | 53  | 84  | 39  | (YN-Ny)% |   |
| 69.01   | 27.6                                                                                                              | 75.37 | 80.27 | 69.88  | 88.95 | -7.63  | 98.57 | 98.86 | 94.4  | 29.98 | 46.66 | 26.62 | 26.57 | 25.66 | 162.93 | 470000104 | 69  | 27  | 75  | 80  | 69  | 89  | -7  | 98  | 98  | 94  | (Ny-N)%  |   |
| 69.89   | -37.65                                                                                                            | 67.41 | 77.22 | 119.18 | 88.7  | -7.65  | 98.38 | 98.67 | 94.4  | 23.18 | 47.03 | 26.01 | 22.99 | 22.57 | 149.36 | 470000105 | 70  | -37 | 67  | 77  | 119 | 89  | -7  | 98  | 98  | 94  | (L-Ln)%  |   |
| 69.89   | -37.65                                                                                                            | 67.41 | 77.22 | 119.18 | 52.68 | -62.79 | 38.84 | 73.83 | 148.2 | 20.65 | 41.76 | 24.6  | 21.81 | 21.26 | 158.5  | 470000106 | 70  | -37 | 67  | 77  | 119 | 53  | -62 | 38  | 73  | 148 | (Ln-LN)% |   |
| 55.9    | -46.78                                                                                                            | -2.51 | 46.85 | 183.07 | 52.68 | -62.79 | 38.84 | 73.83 | 148.2 | 23.86 | 44.46 | 22.64 | 19.82 | 18.77 | 124.79 | 470000107 | 56  | -46 | -2  | 46  | 183 | 53  | -62 | 38  | 73  | 148 | (LN-Nl)% |   |
| 55.9    | -46.78                                                                                                            | -2.51 | 46.85 | 183.07 | 59.53 | -30.48 | -42.5 | 52.3  | 234.3 | 17.95 | 43.33 | 25.47 | 22.61 | 23.04 | 181.61 | 470000108 | 56  | -46 | -2  | 46  | 183 | 60  | -30 | -42 | 52  | 234 | (Nl-N)%  |   |
| 57.5    | -0.15                                                                                                             | 4.39  | 4.39  | 92.0   | 94.85 | -1.8   | 6.91  | 7.14  | 104.6 | 27.73 | 37.47 | 37.44 | 28.24 | 27.08 | 269.78 | 470000109 | 58  | 0   | 4   | 4   | 92  | 95  | -1  | 6   | 7   | 104 | (Z-W) %  |   |
| 57.5    | -0.15                                                                                                             | 4.39  | 4.39  | 92.0   | 19.87 | 0.76   | 1.86  | 2.02  | 67.7  | 31.95 | 37.71 | 37.69 | 40.07 | 32.6  | 339.61 | 470000110 | 58  | 0   | 4   | 4   | 92  | 20  | 0   | 1   | 2   | 67  | (Z-N) %  |   |
| 75.78   | -1.03                                                                                                             | 4.31  | 4.44  | 103.48 | 94.75 | -1.75  | 6.75  | 6.97  | 104.5 | 13.46 | 19.12 | 19.07 | 13.83 | 12.61 | 136.19 | 470000111 | 76  | -1  | 4   | 4   | 103 | 95  | -1  | 6   | 6   | 104 | (H-W) %  |   |
| 75.78   | -1.03                                                                                                             | 4.31  | 4.44  | 103.48 | 57.8  | 0.12   | 4.07  | 4.07  | 88.2  | 14.52 | 18.02 | 18.01 | 14.39 | 14.55 | 151.67 | 470000112 | 76  | -1  | 4   | 4   | 103 | 58  | 0   | 4   | 4   | 88  | (H-Z) %  |   |
| 38.92   | 0.42                                                                                                              | 3.22  | 3.25  | 82.41  | 57.8  | 0.12   | 4.07  | 4.07  | 88.2  | 16.4  | 18.9  | 18.89 | 17.69 | 18.74 | 185.52 | 470000113 | 39  | 0   | 3   | 3   | 82  | 58  | 0   | 4   | 4   | 88  | (D-Z) %  |   |
| 38.92   | 0.42                                                                                                              | 3.22  | 3.25  | 82.41  | 20.44 | 0.74   | 1.67  | 1.83  | 66.1  | 15.83 | 18.55 | 18.53 | 23.24 | 14.32 | 198.79 | 470000114 | 39  | 0   | 3   | 3   | 82  | 20  | 0   | 1   | 1   | 66  | (D-N) %  |   |

%L\*0 a\*0 b\*0 C\*ab0 hab0 L\*1 a\*1 b\*1 C\*ab1 hab1 DV dE\*ab dE\*94 dE\*CM dE\*00 dE\*85 NR L\*0 a\*0 b\*0 C\*0 h0 L\*1 a\*1 b\*1 C\*1 h1 CODE %  
%CIELAB data for all colour (a) of experiment, iimp=114, colour difference pairs Ks\_LD114, xchart3=0, xchart4=0 %  
Minimum, maximum and average colour difference value  
STRESS constant F and STRESS value S  
iai+1 = 114, d\_CIELABmina = 12.86, d\_CIELABmaxa = 120.78, d\_CIELABavea = 40.07  
iai+1 = 114, CIELAB\_Fa = 1.76, CIELAB\_STRESSa = 19.92  
  
iai+1 = 114, d\_CIELCHmina = 12.86, d\_CIELCHmaxa = 120.8, d\_CIELCHavea = 40.08  
iai+1 = 114, CIELCHFa = 1.76, CIELCHSTRESSa = 19.92  
  
iai+1 = 114, d\_C94LCHmina = 4.78, d\_C94LCHmaxa = 73.0, d\_C94LCHavea = 23.32  
iai+1 = 114, C94LCHFa = 1.03, C94LCHSTRESSa = 16.7  
  
iai+1 = 114, d\_CMCLCHmina = 5.69, d\_CMCLCHmaxa = 72.33, d\_CMCLCHavea = 24.89  
iai+1 = 114, CMCLCHFa = 1.09, CMCLCHSTRESSa = 18.44  
  
iai+1 = 114, d\_C00LCHmina = 4.17, d\_C00LCHmaxa = 73.27, d\_C00LCHavea = 22.34  
iai+1 = 114, C00LCHFa = 0.99, C00LCHSTRESSa = 16.64  
  
iai+1 = 114, d\_C85LCHmina = 20.1, d\_C85LCHmaxa = 584.44, d\_C85LCHavea = 179.49  
iai+1 = 114, C85LCHFa = 7.87, C85LCHSTRESSa = 20.12