

## Serendipity Software Calibration Check

Calcheck Chart Fogra-55

Measuring Instrument X-Rite i1iSis

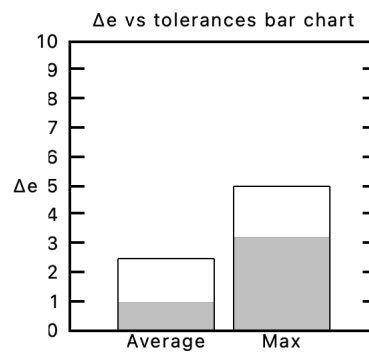
Illumination Condition M1

Number of Patches 105

Date Wed Feb 26 17:56:09 2025

Serendipity Score 92.64

|          | $\Delta e$ value (tolerance) | $\Delta Ch$ value (tolerance) |                                                                                               |
|----------|------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------|
| Average  | 1.00 ( $\leq 2.5$ )          | 0.00 ( $\leq 2$ )             | <div><div></div><div></div></div> <div><math>\Delta e</math><br/><math>\Delta Ch</math></div> |
| Maximum  | 3.24 ( $\leq 5$ )            | 0.00 ( $\leq 3.5$ )           | <div><div></div><div></div></div> <div><math>\Delta e</math><br/><math>\Delta Ch</math></div> |
| $\sigma$ | 0.62 ( $\leq 1.5$ )          | 0.00 ( $\leq 1.5$ )           | <div><div></div><div></div></div> <div><math>\Delta e</math><br/><math>\Delta Ch</math></div> |



| Name | Lab (ref)           | Lab (meas)          | CIE2000 | Δe max | ΔCh | ΔCh max | Patch Type |
|------|---------------------|---------------------|---------|--------|-----|---------|------------|
| A1   | 95.33 0.04 -3.44    | 94.25 -0.82 -3.02   | 1.44    | 5.00   |     |         |            |
| A2   | 88.07 4.18 -9.67    | 87.70 4.59 -9.19    | 0.74    | 5.00   |     |         |            |
| A3   | 67.02 12.75 -21.25  | 66.84 12.80 -20.99  | 0.24    | 5.00   |     |         |            |
| A4   | 45.48 24.05 -35.08  | 45.45 23.70 -34.86  | 0.16    | 5.00   |     |         |            |
| A5   | 22.00 47.00 -56.00  | 19.15 49.64 -56.20  | 2.25    | 5.00   |     |         |            |
| A6   | 91.38 -4.77 -5.47   | 90.86 -4.35 -5.29   | 0.58    | 5.00   |     |         |            |
| A7   | 80.47 -24.56 -3.87  | 80.40 -24.30 -4.26  | 0.33    | 5.00   |     |         |            |
| A8   | 69.91 -47.00 -2.13  | 69.77 -46.45 -3.11  | 0.63    | 5.00   |     |         |            |
| A9   | 60.00 -75.00 0.00   | 61.20 -72.29 -0.61  | 1.26    | 5.00   |     |         |            |
| A10  | 91.12 8.10 0.63     | 90.77 7.44 0.43     | 0.70    | 5.00   |     |         |            |
| A11  | 79.80 28.24 22.43   | 79.47 28.40 19.53   | 1.86    | 5.00   |     |         |            |
| A12  | 70.52 46.43 50.18   | 70.38 45.63 46.39   | 1.47    | 5.00   |     |         |            |
| A13  | 65.00 58.00 88.00   | 64.92 56.41 87.32   | 0.55    | 5.00   |     |         |            |
| A14  | 88.87 1.19 -5.84    | 89.48 0.97 -5.95    | 0.51    | 5.00   |     |         |            |
| A15  | 69.76 0.49 -4.89    | 70.22 0.91 -4.34    | 0.86    | 5.00   |     |         |            |
| A16  | 46.75 0.02 -3.26    | 47.08 0.54 -3.69    | 0.89    | 5.00   |     |         |            |
| A17  | 16.00 0.07 -0.33    | 15.84 -0.59 -0.63   | 1.02    | 5.00   |     |         |            |
| A18  | 94.32 0.15 3.04     | 93.94 -0.17 3.01    | 0.53    | 5.00   |     |         |            |
| A19  | 92.30 -2.85 30.21   | 91.82 -3.23 29.14   | 0.66    | 5.00   |     |         |            |
| A20  | 90.44 -4.21 61.28   | 89.86 -3.81 60.54   | 0.47    | 5.00   |     |         |            |
| A21  | 89.02 -4.99 93.00   | 88.21 -5.41 88.52   | 1.08    | 5.00   |     |         |            |
| A22  | 90.04 8.17 -7.16    | 89.66 8.36 -5.80    | 1.10    | 5.00   |     |         |            |
| A23  | 75.43 28.45 -9.24   | 75.27 28.92 -9.43   | 0.25    | 5.00   |     |         |            |
| A24  | 60.42 52.69 -9.17   | 60.77 52.06 -8.72   | 0.40    | 5.00   |     |         |            |
| A25  | 47.98 74.02 -2.94   | 46.42 75.61 -4.79   | 1.72    | 5.00   |     |         |            |
| A26  | 91.02 -2.14 -10.88  | 89.57 -2.74 -8.84   | 1.89    | 5.00   |     |         |            |
| B1   | 79.15 -12.57 -24.93 | 78.42 -12.92 -23.51 | 0.89    | 5.00   |     |         |            |
| B2   | 66.57 -24.03 -39.84 | 66.94 -24.24 -39.54 | 0.34    | 5.00   |     |         |            |
| B3   | 54.99 -37.00 -49.95 | 55.02 -37.32 -49.68 | 0.17    | 5.00   |     |         |            |
| B4   | 17.58 6.51 -31.11   | 18.84 6.29 -30.45   | 0.89    | 5.00   |     |         |            |
| B5   | 21.89 33.94 18.52   | 21.41 35.50 17.29   | 1.29    | 5.00   |     |         |            |
| B6   | 29.92 0.37 32.36    | 30.27 0.84 33.09    | 0.54    | 5.00   |     |         |            |
| B7   | 10.84 8.87 -2.84    | 11.40 7.73 -3.13    | 1.19    | 5.00   |     |         |            |
| B8   | 13.16 -7.60 0.86    | 13.72 -6.02 0.99    | 1.67    | 5.00   |     |         |            |
| B9   | 17.62 3.28 14.75    | 18.99 2.42 14.49    | 1.40    | 5.00   |     |         |            |
| B10  | 25.48 25.53 10.88   | 26.66 24.48 11.61   | 1.22    | 5.00   |     |         |            |
| B11  | 59.39 -70.17 54.93  | 58.02 -67.24 58.47  | 2.03    | 5.00   |     |         |            |
| B12  | 66.72 53.65 96.17   | 64.34 54.49 89.16   | 3.05    | 5.00   |     |         |            |
| B13  | 15.37 -3.20 6.36    | 15.71 -2.25 5.89    | 1.23    | 5.00   |     |         |            |
| B14  | 19.47 42.71 -24.60  | 20.05 43.91 -25.90  | 0.71    | 5.00   |     |         |            |
| B15  | 20.08 7.99 -22.20   | 20.95 7.75 -23.03   | 0.92    | 5.00   |     |         |            |
| B16  | 46.43 71.27 58.55   | 46.75 70.62 58.52   | 0.38    | 5.00   |     |         |            |
| B17  | 13.30 8.89 4.27     | 14.00 7.16 3.47     | 1.78    | 5.00   |     |         |            |
| B18  | 47.99 69.33 45.87   | 48.45 69.75 42.52   | 1.65    | 5.00   |     |         |            |

| Name | Lab (ref)           | Lab (meas)          | CIE2000 | Δe max | ΔCh | ΔCh max | Patch Type |
|------|---------------------|---------------------|---------|--------|-----|---------|------------|
| B19  | 19.01 34.61 -62.55  | 20.45 33.78 -61.50  | 1.03    | 5.00   |     |         |            |
| B20  | 45.69 -61.51 -24.28 | 43.05 -60.84 -28.70 | 3.24    | 5.00   |     |         |            |
| B21  | 26.60 2.02 13.69    | 27.05 3.71 13.29    | 2.20    | 5.00   |     |         |            |
| B22  | 12.18 -3.46 -6.20   | 12.65 -3.78 -5.59   | 0.72    | 5.00   |     |         |            |
| B23  | 49.45 -65.93 24.35  | 50.96 -62.42 22.58  | 1.80    | 5.00   |     |         |            |
| B24  | 24.74 21.12 -47.45  | 26.59 19.30 -46.41  | 1.58    | 5.00   |     |         |            |
| B25  | 42.09 -45.43 -11.14 | 43.40 -42.55 -11.08 | 1.56    | 5.00   |     |         |            |
| B26  | 46.94 47.81 58.46   | 46.73 47.15 57.61   | 0.32    | 5.00   |     |         |            |
| C1   | 50.77 38.67 64.76   | 49.88 38.80 65.28   | 0.90    | 5.00   |     |         |            |
| C2   | 63.39 4.90 61.56    | 64.03 5.47 58.61    | 1.09    | 5.00   |     |         |            |
| C3   | 76.04 -27.46 75.95  | 76.27 -25.86 72.73  | 0.83    | 5.00   |     |         |            |
| C4   | 77.37 25.76 91.54   | 77.61 22.16 88.19   | 1.67    | 5.00   |     |         |            |
| C5   | 64.34 -4.61 66.28   | 65.61 -3.91 61.12   | 1.71    | 5.00   |     |         |            |
| C6   | 35.49 61.14 -12.60  | 34.55 63.72 -14.07  | 1.13    | 5.00   |     |         |            |
| C7   | 36.51 52.85 -11.26  | 36.48 52.19 -11.42  | 0.23    | 5.00   |     |         |            |
| C8   | 47.17 72.84 22.18   | 45.13 74.78 19.22   | 2.51    | 5.00   |     |         |            |
| C9   | 34.72 54.79 -5.39   | 33.91 56.23 -6.78   | 0.98    | 5.00   |     |         |            |
| C10  | 48.17 72.08 14.73   | 46.57 73.31 12.06   | 2.02    | 5.00   |     |         |            |
| C11  | 40.00 -8.63 -54.86  | 39.87 -9.27 -54.47  | 0.35    | 5.00   |     |         |            |
| C12  | 51.64 -46.86 -39.77 | 50.69 -46.95 -41.13 | 1.07    | 5.00   |     |         |            |
| C13  | 42.01 -21.53 -29.73 | 42.83 -20.52 -29.48 | 0.90    | 5.00   |     |         |            |
| C14  | 41.19 -27.41 -38.39 | 40.98 -27.07 -39.42 | 0.48    | 5.00   |     |         |            |
| C15  | 52.96 -51.61 -21.76 | 53.71 -50.34 -20.97 | 0.85    | 5.00   |     |         |            |
| C16  | 43.67 -14.81 -50.35 | 44.25 -14.88 -48.87 | 0.65    | 5.00   |     |         |            |
| C17  | 19.71 30.16 -45.67  | 19.73 29.00 -44.27  | 0.51    | 5.00   |     |         |            |
| C18  | 21.18 37.73 -25.87  | 20.34 38.98 -26.35  | 0.74    | 5.00   |     |         |            |
| C19  | 45.33 -43.30 9.16   | 44.80 -42.45 10.01  | 0.80    | 5.00   |     |         |            |
| C20  | 17.04 32.75 -39.36  | 16.08 33.65 -39.71  | 0.74    | 5.00   |     |         |            |
| C21  | 43.80 -55.27 -0.04  | 45.01 -52.72 2.58   | 2.00    | 5.00   |     |         |            |
| C22  | 47.77 42.07 62.18   | 47.04 40.76 62.19   | 0.97    | 5.00   |     |         |            |
| C23  | 22.80 35.25 -31.05  | 22.62 34.43 -30.75  | 0.34    | 5.00   |     |         |            |
| C24  | 59.34 -74.76 21.59  | 60.06 -72.61 21.69  | 0.84    | 5.00   |     |         |            |
| C25  | 65.62 56.35 91.65   | 64.98 55.64 90.87   | 0.56    | 5.00   |     |         |            |
| C26  | 20.58 44.92 -44.26  | 19.24 47.34 -44.74  | 1.27    | 5.00   |     |         |            |
| D1   | 44.73 -49.16 -7.95  | 45.61 -47.02 -7.71  | 1.07    | 5.00   |     |         |            |
| D2   | 56.39 64.03 74.38   | 56.82 63.06 72.93   | 0.52    | 5.00   |     |         |            |
| D3   | 70.62 24.82 71.77   | 71.14 23.77 70.15   | 0.65    | 5.00   |     |         |            |
| D4   | 20.32 41.53 -59.18  | 18.69 44.37 -59.07  | 1.80    | 5.00   |     |         |            |
| D5   | 54.01 -70.39 -9.94  | 54.09 -69.16 -10.94 | 0.65    | 5.00   |     |         |            |
| D6   | 49.91 40.11 59.00   | 51.14 37.80 55.91   | 1.55    | 5.00   |     |         |            |
| D7   | 72.38 -23.80 65.39  | 71.83 -22.12 62.71  | 0.93    | 5.00   |     |         |            |
| D8   | 37.42 55.26 -24.12  | 36.79 56.45 -23.62  | 0.71    | 5.00   |     |         |            |
| D9   | 23.26 -1.43 -1.68   | 23.39 -2.04 -0.84   | 1.18    | 5.00   |     |         |            |
| D10  | 62.24 11.37 -26.06  | 62.19 11.85 -25.67  | 0.57    | 5.00   |     |         |            |

| Name  | Lab (ref)          | Lab (meas)         | CIE2000 | Δe max | ΔCh | ΔCh max | Patch Type |
|-------|--------------------|--------------------|---------|--------|-----|---------|------------|
| D11   | 76.04 -19.68 8.86  | 76.01 -18.84 9.11  | 0.58    | 5.00   |     |         |            |
| D12   | 73.41 25.29 20.42  | 73.27 26.24 19.04  | 1.24    | 5.00   |     |         |            |
| D13   | 59.91 5.85 1.88    | 60.25 6.31 1.96    | 0.57    | 5.00   |     |         |            |
| D14   | 37.56 6.18 2.28    | 37.35 7.07 1.54    | 1.17    | 5.00   |     |         |            |
| D15   | 40.13 17.91 -38.49 | 39.86 17.99 -38.46 | 0.25    | 5.00   |     |         |            |
| D16   | 61.29 -40.43 18.62 | 60.85 -39.02 18.68 | 0.67    | 5.00   |     |         |            |
| D17   | 58.43 49.19 36.75  | 58.40 48.89 34.53  | 1.05    | 5.00   |     |         |            |
| D18   | 46.55 7.66 -18.54  | 46.48 8.04 -19.08  | 0.37    | 5.00   |     |         |            |
| D19   | 55.94 -14.96 6.09  | 56.13 -14.81 6.22  | 0.23    | 5.00   |     |         |            |
| D20   | 53.65 17.00 14.18  | 53.83 17.14 14.31  | 0.20    | 5.00   |     |         |            |
| D21   | 44.79 3.14 1.87    | 44.74 3.62 1.62    | 0.65    | 5.00   |     |         |            |
| D22   | 38.63 10.30 -16.10 | 38.41 9.99 -15.73  | 0.34    | 5.00   |     |         |            |
| D23   | 48.01 -15.87 9.54  | 48.33 -14.81 9.49  | 0.82    | 5.00   |     |         |            |
| D24   | 46.41 26.53 17.14  | 46.55 27.30 16.52  | 0.70    | 5.00   |     |         |            |
| D25   | 18.84 -1.48 0.17   | 19.04 -1.68 -0.64  | 0.83    | 5.00   |     |         |            |
| D26   | 28.46 3.51 2.52    | 28.43 3.60 2.77    | 0.24    | 5.00   |     |         |            |
| Paper | 95.06 0.10 -3.72   | 93.89 -0.68 -3.15  | 1.41    | 5.00   |     |         |            |

Reference vs Measured Patches

