Target Data for Micro Nano Checker

The RGB calculations for a given Color space condition were calculated from formulas at http://www.brucelindbloom.com/
RGB values for other color spaces can be calculated by visiting the above URL.

All measurements are based on batch measurements of Munsell color papers as purchased from X-Rite Corp. There can always be inter-batch variations. The values listed below should be considered nominal for the batch provided to ISA by X-Rite Corp. For critical color calculations the user should perform their own optical measurments of the colorimetric values. The count values shown in RED below are considered out-of-gamut for the particular color space listed. Reference white = D65. Von Kries adoption

	D5000, 2 degree observer			sRGB			Adobe RGB (1998)		
Patch #	**L***	**a***	**b***	**r**	**g**	**b**	**r**	**g**	**b**
1	39.12	13.24	15.07	120	84	68	111	84	71
2	65.43	18.11	18.72	201	146	126	186	145	126
3	49.87	-4.34	-22.29	83	123	156	96	122	153
4	44.26	-13.8	22.85	95	110	66	100	110	70
5	55.56	9.82	-24.49	127	129	175	127	128	172
6	70.82	-33.43	-0.35	90	190	173	128	188	172
7	50.87	-27.17	-29.46	**-70**	136	171	48	135	168
8	97.06	-0.4	1.13	247	247	244	246	246	244
9	92.02	-0.6	0.23	231	232	232	231	232	231
10	87.34	-0.75	0.21	217	219	218	217	218	217
11	82.14	-1.06	0.43	203	205	203	202	204	202
12	63.51	34.26	59.6	230	127	43	206	126	53
13	52.79	50.88	-12.72	199	85	149	175	85	146
14	72.06	-1.19	0.28	174	177	176	174	176	175
15	62.15	-1.07	0.19	148	151	150	148	149	148
16	49.25	-0.16	0.01	117	117	117	116	116	116
17	38.62	-0.18	-0.04	91	91	91	91	91	91
18	39.92	11.81	-46.07	77	87	170	81	87	166
19	82.74	3.45	81.29	238	204	21	228	203	53
20	28.86	0.54	0.6	70	68	67	71	70	69
21	16.19	-0.05	0.73	41	40	39	45	45	44
22	8.29	-0.81	0.19	23	24	24	30	31	30
23	3.44	-0.23	0.49	12	12	11	20	20	19
24	52.24	48.55	18.51	205	85	96	180	86	95
25	43.96	52	30.01	187	57	57	162	60	60
26	54.91	-38.91	30.77	72	147	76	101	146	81
27	29.37	13.06	-49.49	**-25**	68	147	31	69	143
28	72.95	16.83	68.8	237	165	41	219	164	57
29	72.46	-24.45	55.93	165	188	68	171	186	79
30	31.41	20.98	-19.43	92	63	105	86	65	103