

Daily QC Report

Setup Status: PASSED	Date: February 26, 2024 - 10:23 AM
Cytometer Name: My Aurora	User: moreaux
Configuration: 4-Laser-V16-B14-R8-YG10	Serial Number: Y1228
Software: SpectroFlo 3.2.1	

QC Beads

Lot ID: 2005 **Expiration Date:** December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	456	0	1,967.4	1.12	✓
Violet	SSC	141	18	1,989.8	1.41	✓
Blue	SSC-B	122	12	1,989.6	0.79	✓
Violet	V1 (428)	122	8	463.9	1.28	✓
Violet	V2 (443)	176	11	1,078.6	1.18	✓
Violet	V3 (458)	165	10	1,232.0	1.14	✓
Violet	V4 (473)	115	6	1,198.5	1.08	✓
Violet	V5 (508)	159	8	1,125.4	1.00	✓
Violet	V6 (525)	122	6	825.2	1.04	✓
Violet	V7 (542)	183	10	961.1	1.09	✓
Violet	V8 (581)	288	13	1,024.8	1.29	✓
Violet	V9 (598)	274	11	1,262.0	1.39	✓
Violet	V10 (615)	215	9	2,157.5	1.51	✓
Violet	V11 (664)	179	6	1,015.6	1.54	✓
Violet	V12 (692)	169	6	504.0	1.63	✓
Violet	V13 (720)	156	5	495.9	1.59	✓
Violet	V14 (750)	182	6	1,228.2	1.78	✓
Violet	V15 (780)	226	9	1,777.8	2.27	✓
Violet	V16 (812)	217	11	1,326.6	2.98	✓
Blue	B1 (508)	402	17	144.1	1.58	✓
Blue	B2 (525)	257	8	133.9	1.46	✓
Blue	B3 (542)	268	6	281.5	1.33	✓
Blue	B4 (581)	253	1	490.8	1.29	✓
Blue	B5 (598)	245	2	712.9	1.17	✓
Blue	B6 (615)	195	3	903.0	1.19	✓
Blue	B7 (661)	348	4	623.9	1.22	✓

Blue	B8 (679)	321	7	470.7	1.22	✓
Blue	B9 (697)	479	12	394.5	1.33	✓
Blue	B10 (717)	386	9	255.6	1.30	✓
Blue	B11 (738)	264	-2	342.3	1.22	✓
Blue	B12 (760)	268	5	578.5	1.40	✓
Blue	B13 (783)	354	11	611.9	1.79	✓
Blue	B14 (812)	444	11	980.4	2.50	✓
YellowGreen	YG1 (577)	281	3	611.0	1.36	✓
YellowGreen	YG2 (598)	241	0	1,461.4	1.40	✓
YellowGreen	YG3 (615)	191	4	2,261.6	1.41	✓
YellowGreen	YG4 (661)	395	0	1,247.9	1.41	✓
YellowGreen	YG5 (679)	264	2	893.5	1.38	✓
YellowGreen	YG6 (697)	351	-2	571.3	1.54	✓
YellowGreen	YG7 (720)	295	0	688.1	1.38	✓
YellowGreen	YG8 (750)	229	0	810.7	1.31	✓
YellowGreen	YG9 (780)	420	-1	1,042.1	1.85	✓
YellowGreen	YG10 (812)	344	4	895.9	2.49	✓
Red	R1 (661)	173	4	376.9	1.32	✓
Red	R2 (679)	165	3	521.9	1.27	✓
Red	R3 (697)	272	5	417.1	1.48	✓
Red	R4 (717)	220	4	352.9	1.10	✓
Red	R5 (738)	155	1	637.9	1.27	✓
Red	R6 (760)	172	1	913.9	1.68	✓
Red	R7 (783)	287	3	1,245.4	2.16	✓
Red	R8 (812)	146	-2	891.7	2.88	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
YellowGreen	-40.20	1.17
Violet	-20.35	1.05
Blue	0.00	1.24
Red	19.90	1.12

FSC Area Scaling Factor: 1.23 Window Extension: 3

Flow Rate: 13.34 Temperature: 23.4 °C

Specifications

FSC	% rCV:	< 6 (Recommended)
SSC	% rCV:	< 8 (Recommended)
YG3	% rCV:	< 6 (Recommended)
V3	% rCV:	< 6 (Recommended)
B3	% rCV:	< 6 (Recommended)
R3	% rCV:	< 6 (Recommended)
All Channels	% Gain Change:	< 100 (Recommended)