

Daily QC Report

Setup Status: PASSED **Date:** December 18, 2023 - 10:22 AM
Cytometer Name: My Aurora **User:** Admin
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	1,957.7	0.64	✓
Violet	SSC	126	3	2,025.3	1.05	✓
Blue	SSC-B	111	1	1,991.4	2.12	✓
Violet	V1 (428)	118	4	470.2	1.07	✓
Violet	V2 (443)	169	4	1,070.6	1.10	✓
Violet	V3 (458)	158	3	1,226.4	1.10	✓
Violet	V4 (473)	111	2	1,193.9	1.04	✓
Violet	V5 (508)	153	2	1,121.5	0.91	✓
Violet	V6 (525)	117	1	826.4	0.95	✓
Violet	V7 (542)	175	2	949.4	0.96	✓
Violet	V8 (581)	272	-3	1,022.5	1.15	✓
Violet	V9 (598)	256	-7	1,222.7	1.13	✓
Violet	V10 (615)	201	-5	2,104.2	1.24	✓
Violet	V11 (664)	169	-4	1,013.4	1.43	✓
Violet	V12 (692)	158	-5	506.5	1.65	✓
Violet	V13 (720)	149	-2	497.9	1.22	✓
Violet	V14 (750)	179	3	1,245.2	1.66	✓
Violet	V15 (780)	225	8	1,824.7	2.07	✓
Violet	V16 (812)	229	23	1,378.2	3.40	✓
Blue	B1 (508)	390	5	142.9	1.04	✓
Blue	B2 (525)	248	-1	133.1	0.93	✓
Blue	B3 (542)	254	-8	277.3	0.94	✓
Blue	B4 (581)	238	-14	483.4	1.05	✓
Blue	B5 (598)	232	-11	696.6	1.02	✓
Blue	B6 (615)	184	-8	878.5	1.07	✓
Blue	B7 (661)	330	-14	624.5	1.26	✓

Blue	B8 (679)	300	-14	462.9	1.39	✓
Blue	B9 (697)	450	-17	393.0	1.52	✓
Blue	B10 (717)	365	-12	252.9	1.16	✓
Blue	B11 (738)	261	-5	345.7	0.99	✓
Blue	B12 (760)	262	-1	584.9	1.16	✓
Blue	B13 (783)	351	8	620.1	1.63	✓
Blue	B14 (812)	468	35	1,012.1	2.88	✓
YellowGreen	YG1 (577)	267	-11	597.7	1.36	✓
YellowGreen	YG2 (598)	227	-14	1,406.9	1.29	✓
YellowGreen	YG3 (615)	180	-7	2,168.3	1.29	✓
YellowGreen	YG4 (661)	374	-21	1,236.0	1.37	✓
YellowGreen	YG5 (679)	249	-13	879.0	1.42	✓
YellowGreen	YG6 (697)	334	-19	574.1	1.64	✓
YellowGreen	YG7 (720)	284	-11	692.0	1.35	✓
YellowGreen	YG8 (750)	227	-2	819.9	1.47	✓
YellowGreen	YG9 (780)	419	-2	1,054.0	2.02	✓
YellowGreen	YG10 (812)	364	24	926.9	3.22	✓
Red	R1 (661)	160	-9	381.1	2.35	✓
Red	R2 (679)	149	-13	517.7	2.52	✓
Red	R3 (697)	246	-21	418.0	2.62	✓
Red	R4 (717)	205	-11	356.1	1.87	✓
Red	R5 (738)	153	-1	656.5	1.24	✓
Red	R6 (760)	172	1	944.5	1.69	✓
Red	R7 (783)	290	6	1,292.5	2.15	✓
Red	R8 (812)	155	7	940.5	3.26	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
YellowGreen	-40.25	1.19
Violet	-20.30	1.07
Blue	0.00	1.24
Red	20.05	1.14

FSC Area Scaling Factor: 1.23 Window Extension: 3

Flow Rate: 13.53 Temperature: 24.1 °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)