

# Daily QC Report

Setup Status: PASSED

Date: February 20, 2024 - 13:04 PM

Cytometer Name: My Aurora

User: Albatros

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	1,958.3	0.78	✔
Violet	SSC	138	15	1,998.0	1.23	✔
Blue	SSC-B	121	11	1,995.6	1.16	✔
Violet	V1 (428)	121	7	467.4	1.15	✔
Violet	V2 (443)	173	8	1,069.3	1.10	✔
Violet	V3 (458)	162	7	1,225.4	1.09	✔
Violet	V4 (473)	113	4	1,196.7	1.02	✔
Violet	V5 (508)	157	6	1,128.7	0.93	✔
Violet	V6 (525)	120	4	828.2	0.97	✔
Violet	V7 (542)	180	7	955.6	0.99	✔
Violet	V8 (581)	285	10	1,022.8	1.13	✔
Violet	V9 (598)	272	9	1,233.7	1.21	✔
Violet	V10 (615)	212	6	2,113.2	1.34	✔
Violet	V11 (664)	175	2	1,015.0	1.30	✔
Violet	V12 (692)	164	1	505.2	1.34	✔
Violet	V13 (720)	152	1	499.2	1.36	✔
Violet	V14 (750)	178	2	1,244.6	1.50	✔
Violet	V15 (780)	223	6	1,816.7	1.86	✔
Violet	V16 (812)	218	12	1,380.0	2.35	✔
Blue	B1 (508)	399	14	143.0	1.31	✔
Blue	B2 (525)	254	5	133.3	1.17	✔
Blue	B3 (542)	264	2	278.6	1.01	✔
Blue	B4 (581)	250	-2	486.8	1.03	✔
Blue	B5 (598)	243	0	696.6	1.00	✔
Blue	B6 (615)	194	2	884.6	1.05	✔
Blue	B7 (661)	341	-3	625.5	1.03	✔

Blue	B8 (679)	313	-1	466.5	0.98	✓
Blue	B9 (697)	469	2	395.9	1.13	✓
Blue	B10 (717)	377	0	253.6	1.11	✓
Blue	B11 (738)	259	-7	344.5	0.94	✓
Blue	B12 (760)	264	1	588.0	1.02	✓
Blue	B13 (783)	347	4	615.0	1.32	✓
Blue	B14 (812)	446	13	1,016.4	1.71	✓
YellowGreen	YG1 (577)	282	4	602.8	1.19	✓
YellowGreen	YG2 (598)	244	3	1,423.3	1.22	✓
YellowGreen	YG3 (615)	192	5	2,208.3	1.27	✓
YellowGreen	YG4 (661)	390	-5	1,262.5	1.30	✓
YellowGreen	YG5 (679)	261	-1	895.8	1.18	✓
YellowGreen	YG6 (697)	352	-1	595.4	1.40	✓
YellowGreen	YG7 (720)	290	-5	700.0	1.30	✓
YellowGreen	YG8 (750)	227	-2	827.9	1.12	✓
YellowGreen	YG9 (780)	415	-6	1,059.7	1.53	✓
YellowGreen	YG10 (812)	347	7	930.3	1.79	✓
Red	R1 (661)	162	-7	383.3	1.19	✓
Red	R2 (679)	155	-7	522.4	1.02	✓
Red	R3 (697)	255	-12	415.5	1.24	✓
Red	R4 (717)	208	-8	353.2	1.07	✓
Red	R5 (738)	150	-4	652.1	1.15	✓
Red	R6 (760)	168	-3	940.4	1.35	✓
Red	R7 (783)	282	-2	1,288.4	1.68	✓
Red	R8 (812)	144	-4	926.5	2.10	✓

**Laser Settings**

Laser	Laser Delay	Area Scaling Factor
YellowGreen	-40.25	1.19
Violet	-20.43	1.06
Blue	0.00	1.24
Red	19.93	1.14

FSC Area Scaling Factor: 1.23      Window Extension: 3

Flow Rate: 13.86      Temperature: 24.2 °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)