

Daily QC Report

Setup Status: PASSED	Date: January 22, 2024 - 11:23 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	1,955.1	0.92	✓
Violet	SSC	131	8	1,985.6	1.06	✓
Blue	SSC-B	115	5	1,939.5	1.70	✓
Violet	V1 (428)	120	6	472.2	1.05	✓
Violet	V2 (443)	172	7	1,082.5	1.07	✓
Violet	V3 (458)	161	6	1,241.6	1.08	✓
Violet	V4 (473)	113	4	1,211.0	1.02	✓
Violet	V5 (508)	157	6	1,142.0	0.91	✓
Violet	V6 (525)	120	4	838.6	0.95	✓
Violet	V7 (542)	179	6	958.9	0.93	✓
Violet	V8 (581)	280	5	1,025.4	1.05	✓
Violet	V9 (598)	263	0	1,208.0	1.15	✓
Violet	V10 (615)	208	2	2,106.1	1.27	✓
Violet	V11 (664)	176	3	1,013.2	1.21	✓
Violet	V12 (692)	166	3	502.2	1.23	✓
Violet	V13 (720)	154	3	501.9	1.24	✓
Violet	V14 (750)	178	2	1,243.3	1.34	✓
Violet	V15 (780)	223	6	1,830.9	1.71	✓
Violet	V16 (812)	215	9	1,391.5	2.17	✓
Blue	B1 (508)	394	9	143.0	1.24	✓
Blue	B2 (525)	250	1	132.3	1.11	✓
Blue	B3 (542)	261	-1	276.4	0.99	✓
Blue	B4 (581)	248	-4	480.9	1.01	✓
Blue	B5 (598)	238	-5	681.9	1.02	✓
Blue	B6 (615)	189	-3	858.3	1.09	✓
Blue	B7 (661)	342	-2	611.1	1.06	✓

Blue	B8 (679)	318	4	461.4	1.00	✓
Blue	B9 (697)	474	7	386.2	1.14	✓
Blue	B10 (717)	383	6	251.5	1.10	✓
Blue	B11 (738)	262	-4	341.1	1.00	✓
Blue	B12 (760)	266	3	582.3	1.04	✓
Blue	B13 (783)	348	5	612.7	1.35	✓
Blue	B14 (812)	442	9	1,010.7	1.74	✓
YellowGreen	YG1 (577)	269	-9	575.5	1.18	✓
YellowGreen	YG2 (598)	226	-15	1,339.1	1.27	✓
YellowGreen	YG3 (615)	181	-6	2,104.3	1.30	✓
YellowGreen	YG4 (661)	388	-7	1,230.9	1.28	✓
YellowGreen	YG5 (679)	260	-2	875.3	1.18	✓
YellowGreen	YG6 (697)	353	0	581.6	1.33	✓
YellowGreen	YG7 (720)	290	-5	689.1	1.25	✓
YellowGreen	YG8 (750)	225	-4	813.4	1.08	✓
YellowGreen	YG9 (780)	411	-10	1,050.6	1.55	✓
YellowGreen	YG10 (812)	338	-2	915.7	1.78	✓
Red	R1 (661)	177	8	386.0	1.14	✓
Red	R2 (679)	166	4	525.9	1.01	✓
Red	R3 (697)	276	9	423.9	1.23	✓
Red	R4 (717)	223	7	360.3	1.05	✓
Red	R5 (738)	155	1	653.4	1.19	✓
Red	R6 (760)	171	0	937.2	1.38	✓
Red	R7 (783)	285	1	1,286.8	1.69	✓
Red	R8 (812)	144	-4	927.2	2.10	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
YellowGreen	-40.15	1.19
Violet	-20.25	1.07
Blue	0.00	1.24
Red	19.95	1.14

FSC Area Scaling Factor: 1.23 Window Extension: 3

Flow Rate: 13.15 Temperature: 25.8 °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)