

Daily QC Report

QC Status: PASSED	Date: March 18, 2024 - 09:33 AM
Cytometer Name: Aurora	User: Admin
Serial Number: S0144	Nozzle Size: 70 µm
Configuration: 4-Laser-V16-B14-R8-YG10	Nozzle Serial Number: K51164
Software: SpectroFloCS 1.2.1	Sheath Pressure: 68 PSI
QC Beads	
Lot ID: 2005	Expiration Date: December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	429	80	1,974.4	2.79	✓
Violet	SSC	669	333	2,004.3	8.19	✓
Blue	SSC-B	586	200	1,987.8	6.24	✓
Violet	V1 (428)	389	154	465.0	4.08	✓
Violet	V2 (443)	469	178	1,076.1	4.35	✓
Violet	V3 (458)	462	185	1,219.0	4.78	✓
Violet	V4 (473)	330	131	1,193.9	4.66	✓
Violet	V5 (508)	390	155	1,129.1	4.66	✓
Violet	V6 (525)	380	146	836.3	4.47	✓
Violet	V7 (542)	498	197	948.8	3.53	✓
Violet	V8 (581)	824	309	1,030.5	3.01	✓
Violet	V9 (598)	615	208	1,225.0	3.65	✓
Violet	V10 (615)	632	201	2,148.9	4.63	✓
Violet	V11 (664)	532	183	999.5	4.75	✓
Violet	V12 (692)	444	155	505.9	5.07	✓
Violet	V13 (720)	391	136	497.3	5.41	✓
Violet	V14 (750)	529	169	1,246.3	5.86	✓
Violet	V15 (780)	703	236	1,809.4	5.87	✓
Violet	V16 (812)	541	204	1,369.3	6.88	✓
Blue	B1 (508)	1,321	363	145.8	3.10	✓
Blue	B2 (525)	691	177	132.7	2.77	✓
Blue	B3 (542)	674	176	280.6	2.40	✓
Blue	B4 (581)	625	149	489.1	1.79	✓
Blue	B5 (598)	473	115	699.2	1.78	✓
Blue	B6 (615)	406	101	873.9	2.82	✓
Blue	B7 (661)	844	208	611.7	2.80	✓
Blue	B8 (679)	718	176	468.1	3.08	✓
Blue	B9 (697)	915	218	387.5	2.98	✓
Blue	B10 (717)	768	211	254.2	2.92	✓
Blue	B11 (738)	499	139	342.5	4.48	✓
Blue	B12 (760)	631	167	576.5	5.08	✓
Blue	B13 (783)	768	220	612.1	5.31	✓
Blue	B14 (812)	907	264	997.9	5.82	✓
YellowGreen	YG1 (577)	764	190	598.4	3.47	✓
YellowGreen	YG2 (598)	696	157	1,392.1	3.08	✓
YellowGreen	YG3 (615)	536	123	2,199.0	2.79	✓
YellowGreen	YG4 (661)	997	242	1,256.1	2.86	✓
YellowGreen	YG5 (679)	819	200	893.0	2.66	✓
YellowGreen	YG6 (697)	1,002	242	583.1	2.81	✓
YellowGreen	YG7 (720)	580	139	691.0	2.20	✓
YellowGreen	YG8 (750)	512	120	818.7	2.54	✓
YellowGreen	YG9 (780)	690	177	1,060.4	3.02	✓
YellowGreen	YG10 (812)	711	181	919.3	4.29	✓
Red	R1 (661)	587	203	378.0	4.49	✓
Red	R2 (679)	497	153	524.3	4.76	✓
Red	R3 (697)	664	211	413.0	4.94	✓
Red	R4 (717)	631	208	351.7	4.80	✓
Red	R5 (738)	435	142	651.3	6.26	✓
Red	R6 (760)	479	155	943.0	7.02	✓
Red	R7 (783)	631	207	1,292.0	7.63	✓
Red	R8 (812)	398	132	930.1	8.91	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-28.08	0.89
Blue	0.00	1.06
Violet	27.93	0.96
YellowGreen	56.43	0.96

FSC Area Scaling Factor: 1.08 Window Extension: 3

Temperature: 23 °C

Specifications

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