

Daily QC Report

QC Status: PASSED	Date: February 28, 2024 - 15:27 PM
Cytometer Name: Aurora	User: Admin
Serial Number: S0144	Nozzle Size: 100 µm
Configuration: 4-Laser-V16-B14-R8-YG10	Nozzle Serial Number: K51168
Software: SpectroFloCS 1.2.1	Sheath Pressure: 17 PSI

QC Beads	
Lot ID: 2005	Expiration Date: December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	411	62	1,980.7	2.24	✓
Violet	SSC	598	262	1,972.8	6.12	✓
Blue	SSC-B	550	164	2,014.4	5.21	✓
Violet	V1 (428)	364	129	469.5	3.15	✓
Violet	V2 (443)	441	150	1,066.5	3.27	✓
Violet	V3 (458)	433	156	1,224.1	3.14	✓
Violet	V4 (473)	307	108	1,197.9	2.95	✓
Violet	V5 (508)	364	129	1,123.5	3.03	✓
Violet	V6 (525)	356	122	825.5	3.12	✓
Violet	V7 (542)	467	166	957.4	2.52	✓
Violet	V8 (581)	773	258	1,005.4	2.56	✓
Violet	V9 (598)	590	183	1,227.5	3.18	✓
Violet	V10 (615)	600	169	2,113.4	3.82	✓
Violet	V11 (664)	535	186	1,020.7	3.52	✓
Violet	V12 (692)	439	150	504.4	3.66	✓
Violet	V13 (720)	380	125	495.5	3.78	✓
Violet	V14 (750)	512	152	1,244.6	4.19	✓
Violet	V15 (780)	669	202	1,806.5	3.79	✓
Violet	V16 (812)	479	142	1,366.2	3.88	✓
Blue	B1 (508)	1,259	301	143.7	3.38	✓
Blue	B2 (525)	663	149	133.1	3.15	✓
Blue	B3 (542)	649	151	274.4	2.83	✓
Blue	B4 (581)	612	136	488.1	2.09	✓
Blue	B5 (598)	447	89	694.0	1.93	✓
Blue	B6 (615)	393	88	873.9	2.27	✓
Blue	B7 (661)	863	227	621.8	2.27	✓
Blue	B8 (679)	731	189	461.6	2.27	✓
Blue	B9 (697)	935	238	390.5	2.28	✓
Blue	B10 (717)	761	204	254.9	2.42	✓
Blue	B11 (738)	482	122	344.3	3.28	✓
Blue	B12 (760)	618	154	587.9	3.63	✓
Blue	B13 (783)	732	184	622.8	3.94	✓
Blue	B14 (812)	827	184	1,016.9	4.24	✓
YellowGreen	YG1 (577)	738	164	596.0	3.00	✓
YellowGreen	YG2 (598)	666	127	1,404.5	2.61	✓
YellowGreen	YG3 (615)	522	109	2,191.7	2.36	✓
YellowGreen	YG4 (661)	1,014	259	1,250.8	2.42	✓
YellowGreen	YG5 (679)	823	204	887.2	2.14	✓
YellowGreen	YG6 (697)	1,019	259	579.5	2.26	✓

YellowGreen	YG7 (720)	579	138	694.3	1.79	✓
YellowGreen	YG8 (750)	496	104	816.6	1.99	✓
YellowGreen	YG9 (780)	645	132	1,063.5	2.26	✓
YellowGreen	YG10 (812)	636	106	928.2	2.79	✓
Red	R1 (661)	680	296	381.2	3.29	✓
Red	R2 (679)	558	214	525.4	3.45	✓
Red	R3 (697)	751	298	415.4	3.61	✓
Red	R4 (717)	674	251	348.5	3.80	✓
Red	R5 (738)	430	137	651.2	4.26	✓
Red	R6 (760)	460	136	934.8	4.54	✓
Red	R7 (783)	594	170	1,287.5	4.82	✓
Red	R8 (812)	355	89	929.2	5.21	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-30.00	0.84
Blue	0.00	1.01
Violet	30.10	0.92
YellowGreen	60.40	0.92

FSC Area Scaling Factor: 1.04

Window Extension: 3

Temperature: 26.1 °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)