

Daily QC Report

QC Status: PASSED	Date: February 05, 2024 - 12:13 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: 15 PSI
QC Beads	
Lot ID: 2005	Expiration Date: December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	480	131	2,018.8	2.11	✓
Violet	SSC	613	277	1,999.2	3.95	✓
Blue	SSC-B	632	246	2,016.5	4.12	✓
Violet	V1 (428)	380	145	466.9	2.69	✓
Violet	V2 (443)	461	170	1,069.0	2.65	✓
Violet	V3 (458)	449	172	1,232.5	2.67	✓
Violet	V4 (473)	318	119	1,195.9	2.54	✓
Violet	V5 (508)	376	141	1,125.9	2.46	✓
Violet	V6 (525)	370	136	825.2	2.44	✓
Violet	V7 (542)	481	180	951.6	2.47	✓
Violet	V8 (581)	814	299	1,022.7	3.29	✓
Violet	V9 (598)	622	215	1,245.7	3.81	✓
Violet	V10 (615)	640	209	2,102.2	4.09	✓
Violet	V11 (664)	546	197	1,010.4	4.33	✓
Violet	V12 (692)	448	159	501.5	4.57	✓
Violet	V13 (720)	400	145	497.7	4.50	✓
Violet	V14 (750)	558	198	1,239.1	5.16	✓
Violet	V15 (780)	724	257	1,806.9	6.41	✓
Violet	V16 (812)	535	198	1,364.7	8.05	✓
Blue	B1 (508)	1,452	494	141.9	3.69	✓
Blue	B2 (525)	778	264	134.4	3.44	✓
Blue	B3 (542)	748	250	277.6	3.44	✓
Blue	B4 (581)	701	225	485.6	3.29	✓
Blue	B5 (598)	523	165	701.5	2.95	✓
Blue	B6 (615)	449	144	880.9	2.83	✓
Blue	B7 (661)	972	336	625.4	2.88	✓
Blue	B8 (679)	815	273	460.8	2.96	✓
Blue	B9 (697)	1,058	361	389.8	2.91	✓
Blue	B10 (717)	867	310	255.4	2.52	✓
Blue	B11 (738)	550	190	343.6	1.92	✓
Blue	B12 (760)	718	254	584.7	2.17	✓
Blue	B13 (783)	851	303	618.7	2.63	✓
Blue	B14 (812)	1,003	360	1,013.5	4.00	✓
YellowGreen	YG1 (577)	831	257	599.9	4.16	✓
YellowGreen	YG2 (598)	747	208	1,399.6	3.61	✓
YellowGreen	YG3 (615)	574	161	2,164.3	3.22	✓
YellowGreen	YG4 (661)	1,100	345	1,232.9	3.14	✓
YellowGreen	YG5 (679)	910	291	891.9	2.96	✓
YellowGreen	YG6 (697)	1,128	368	573.7	3.10	✓
YellowGreen	YG7 (720)	638	197	692.4	2.77	✓
YellowGreen	YG8 (750)	557	165	813.4	2.09	✓
YellowGreen	YG9 (780)	738	225	1,069.9	2.86	✓
YellowGreen	YG10 (812)	766	236	927.4	4.86	✓
Red	R1 (661)	550	166	383.4	3.07	✓
Red	R2 (679)	475	131	523.8	3.05	✓
Red	R3 (697)	629	176	415.6	3.17	✓
Red	R4 (717)	598	175	357.3	3.48	✓
Red	R5 (738)	409	116	651.7	4.12	✓
Red	R6 (760)	460	136	942.9	5.86	✓
Red	R7 (783)	611	187	1,290.0	7.11	✓
Red	R8 (812)	404	138	934.2	12.27	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-32.75	0.82
Blue	0.00	0.92
Violet	33.05	0.85
YellowGreen	64.10	0.85

FSC Area Scaling Factor: 0.96 Window Extension: 3

Temperature: 26.6 °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)