

Daily QC Report

QC Status: PASSED	Date: January 15, 2024 - 10:27 AM
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	497	148	1,929.0	3.67	✓
Violet	SSC	537	201	2,002.8	5.47	✓
Blue	SSC-B	639	253	2,004.5	6.38	✓
Violet	V1 (428)	335	100	465.6	4.58	✓
Violet	V2 (443)	410	119	1,074.8	4.59	✓
Violet	V3 (458)	393	116	1,217.2	4.57	✓
Violet	V4 (473)	283	84	1,206.2	4.15	✓
Violet	V5 (508)	335	100	1,126.3	3.87	✓
Violet	V6 (525)	333	99	827.4	3.77	✓
Violet	V7 (542)	431	130	959.3	3.36	✓
Violet	V8 (581)	716	201	1,004.8	3.13	✓
Violet	V9 (598)	557	150	1,198.9	3.18	✓
Violet	V10 (615)	571	140	2,079.6	3.31	✓
Violet	V11 (664)	481	132	1,000.7	4.19	✓
Violet	V12 (692)	399	110	499.3	4.61	✓
Violet	V13 (720)	355	100	496.3	3.49	✓
Violet	V14 (750)	493	133	1,238.5	4.87	✓
Violet	V15 (780)	640	173	1,790.0	6.54	✓
Violet	V16 (812)	472	135	1,355.9	9.25	✓
Blue	B1 (508)	1,524	566	139.5	3.25	✓
Blue	B2 (525)	820	306	133.3	2.94	✓
Blue	B3 (542)	774	276	277.6	3.02	✓
Blue	B4 (581)	730	254	479.9	3.20	✓
Blue	B5 (598)	545	187	682.8	3.48	✓
Blue	B6 (615)	472	167	872.4	3.78	✓
Blue	B7 (661)	973	337	610.2	3.91	✓
Blue	B8 (679)	832	290	457.3	3.97	✓
Blue	B9 (697)	1,107	410	402.3	3.78	✓
Blue	B10 (717)	880	323	254.1	3.53	✓
Blue	B11 (738)	571	211	344.8	3.57	✓
Blue	B12 (760)	737	273	584.1	3.51	✓
Blue	B13 (783)	872	324	616.0	3.64	✓
Blue	B14 (812)	1,005	362	989.8	4.99	✓
YellowGreen	YG1 (577)	897	323	582.6	4.63	✓
YellowGreen	YG2 (598)	825	286	1,371.9	3.85	✓
YellowGreen	YG3 (615)	623	210	2,119.9	3.48	✓
YellowGreen	YG4 (661)	1,173	418	1,202.5	3.57	✓
YellowGreen	YG5 (679)	965	346	861.6	3.61	✓
YellowGreen	YG6 (697)	1,209	449	592.5	3.88	✓
YellowGreen	YG7 (720)	685	244	683.7	3.30	✓
YellowGreen	YG8 (750)	606	214	810.4	2.71	✓
YellowGreen	YG9 (780)	782	269	1,044.6	3.33	✓
YellowGreen	YG10 (812)	802	272	909.0	5.64	✓
Red	R1 (661)	499	115	388.9	4.11	✓
Red	R2 (679)	440	96	532.1	4.16	✓
Red	R3 (697)	585	132	423.6	4.31	✓
Red	R4 (717)	542	119	358.5	4.21	✓
Red	R5 (738)	378	85	657.8	4.62	✓
Red	R6 (760)	424	100	941.5	6.43	✓
Red	R7 (783)	561	137	1,291.6	7.69	✓
Red	R8 (812)	366	100	926.3	13.99	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-32.93	0.83
Blue	0.00	0.93
Violet	32.93	0.90
YellowGreen	64.05	0.84

FSC Area Scaling Factor: 0.95 Window Extension: 3

Temperature: 24.9 °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)