

Daily QC Report

QC Status: PASSED	Date: March 11, 2024 - 10:50 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	435	86	2,003.0	4.38	✓
Violet	SSC	641	305	1,986.1	6.89	✓
Blue	SSC-B	584	198	1,993.8	6.21	✓
Violet	V1 (428)	383	148	467.1	3.39	✓
Violet	V2 (443)	466	175	1,073.8	3.75	✓
Violet	V3 (458)	454	177	1,223.6	3.57	✓
Violet	V4 (473)	324	125	1,198.7	3.60	✓
Violet	V5 (508)	384	149	1,129.7	3.77	✓
Violet	V6 (525)	374	140	822.6	3.74	✓
Violet	V7 (542)	489	188	947.2	2.93	✓
Violet	V8 (581)	816	301	1,014.5	2.34	✓
Violet	V9 (598)	624	217	1,229.4	3.11	✓
Violet	V10 (615)	635	204	2,112.1	3.83	✓
Violet	V11 (664)	540	191	1,005.8	3.84	✓
Violet	V12 (692)	444	155	500.2	4.04	✓
Violet	V13 (720)	390	135	499.2	4.09	✓
Violet	V14 (750)	522	162	1,244.6	4.23	✓
Violet	V15 (780)	681	214	1,804.1	3.98	✓
Violet	V16 (812)	498	161	1,368.4	4.40	✓
Blue	B1 (508)	1,288	330	143.1	3.28	✓
Blue	B2 (525)	692	178	133.0	3.01	✓
Blue	B3 (542)	681	183	276.8	2.71	✓
Blue	B4 (581)	636	160	487.5	2.30	✓
Blue	B5 (598)	482	124	686.7	2.10	✓
Blue	B6 (615)	421	116	879.0	2.65	✓
Blue	B7 (661)	877	241	621.0	2.77	✓
Blue	B8 (679)	739	197	461.0	2.82	✓
Blue	B9 (697)	950	253	385.1	2.83	✓
Blue	B10 (717)	783	226	255.3	2.88	✓
Blue	B11 (738)	502	142	342.3	4.29	✓
Blue	B12 (760)	638	174	582.5	4.78	✓
Blue	B13 (783)	760	212	616.8	4.97	✓
Blue	B14 (812)	864	221	1,007.9	5.14	✓
YellowGreen	YG1 (577)	781	207	601.0	2.99	✓
YellowGreen	YG2 (598)	714	175	1,415.4	2.57	✓
YellowGreen	YG3 (615)	546	133	2,187.0	2.35	✓
YellowGreen	YG4 (661)	1,014	259	1,234.8	2.53	✓
YellowGreen	YG5 (679)	823	204	877.0	2.27	✓
YellowGreen	YG6 (697)	1,021	261	571.7	2.45	✓
YellowGreen	YG7 (720)	586	145	690.2	1.89	✓
YellowGreen	YG8 (750)	509	117	819.4	1.96	✓
YellowGreen	YG9 (780)	670	157	1,059.7	2.37	✓
YellowGreen	YG10 (812)	664	134	928.3	3.09	✓
Red	R1 (661)	591	207	382.5	3.55	✓
Red	R2 (679)	517	173	523.8	3.62	✓
Red	R3 (697)	695	242	425.5	3.87	✓
Red	R4 (717)	637	214	355.1	3.98	✓
Red	R5 (738)	427	134	651.0	4.64	✓
Red	R6 (760)	461	137	933.9	5.01	✓
Red	R7 (783)	599	175	1,286.3	5.43	✓
Red	R8 (812)	361	95	926.2	6.16	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-27.95	0.88
Blue	0.00	1.05
Violet	27.73	0.96
YellowGreen	56.08	0.96

FSC Area Scaling Factor: 1.08 Window Extension: 3

Temperature: 24 °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)