

Daily QC Report

QC Status: PASSED	Date: December 04, 2023 - 12:05 PM
Cytometer Name: Aurora	User: Admin
Serial Number: S0144	Nozzle Size: 70 µm
Configuration: 4-Laser-V16-B14-R8-YG10	Sheath Pressure: 68 PSI
Software: SpectroFloCS 1.0.7.1	
QC Beads	
Lot ID: 2005	Expiration Date: December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	531	182	1,980.5	2.00	✓
Violet	SSC	492	156	2,004.5	4.08	✓
Blue	SSC-B	639	253	1,982.1	4.49	✓
Violet	V1 (428)	306	71	469.2	2.70	✓
Violet	V2 (443)	374	83	1,073.3	2.74	✓
Violet	V3 (458)	358	81	1,222.9	2.74	✓
Violet	V4 (473)	257	58	1,196.5	2.48	✓
Violet	V5 (508)	305	70	1,127.2	2.30	✓
Violet	V6 (525)	303	69	835.2	2.22	✓
Violet	V7 (542)	389	88	947.8	1.91	✓
Violet	V8 (581)	656	141	1,032.3	1.76	✓
Violet	V9 (598)	520	113	1,236.6	1.83	✓
Violet	V10 (615)	536	105	2,099.7	2.02	✓
Violet	V11 (664)	442	93	1,003.4	2.24	✓
Violet	V12 (692)	365	76	503.8	2.55	✓
Violet	V13 (720)	332	77	502.6	2.51	✓
Violet	V14 (750)	470	110	1,247.9	3.60	✓
Violet	V15 (780)	610	143	1,798.1	4.64	✓
Violet	V16 (812)	451	114	1,366.3	6.27	✓
Blue	B1 (508)	1,517	559	142.6	3.10	✓
Blue	B2 (525)	792	278	133.5	2.83	✓
Blue	B3 (542)	765	267	277.5	2.82	✓
Blue	B4 (581)	719	243	478.2	2.99	✓
Blue	B5 (598)	540	182	691.2	3.16	✓
Blue	B6 (615)	469	164	867.9	3.17	✓
Blue	B7 (661)	990	354	622.8	3.25	✓
Blue	B8 (679)	835	293	457.9	3.28	✓
Blue	B9 (697)	1,078	381	390.5	3.18	✓
Blue	B10 (717)	872	315	246.2	2.98	✓
Blue	B11 (738)	579	219	342.9	2.91	✓
Blue	B12 (760)	745	281	574.7	3.39	✓
Blue	B13 (783)	901	353	614.7	3.57	✓
Blue	B14 (812)	1,054	411	1,002.3	4.53	✓
YellowGreen	YG1 (577)	874	300	602.0	3.68	✓
YellowGreen	YG2 (598)	816	277	1,420.0	3.23	✓
YellowGreen	YG3 (615)	613	200	2,185.6	2.87	✓
YellowGreen	YG4 (661)	1,140	385	1,223.8	3.02	✓
YellowGreen	YG5 (679)	928	309	878.0	2.84	✓
YellowGreen	YG6 (697)	1,177	417	587.4	3.11	✓
YellowGreen	YG7 (720)	672	231	690.5	3.00	✓
YellowGreen	YG8 (750)	603	211	812.9	2.63	✓
YellowGreen	YG9 (780)	797	284	1,059.1	3.15	✓
YellowGreen	YG10 (812)	820	290	911.1	4.89	✓
Red	R1 (661)	469	85	378.7	2.37	✓
Red	R2 (679)	421	77	527.0	2.60	✓
Red	R3 (697)	564	111	419.8	2.76	✓
Red	R4 (717)	526	103	354.0	2.30	✓
Red	R5 (738)	371	78	652.3	2.52	✓
Red	R6 (760)	420	96	945.3	3.79	✓
Red	R7 (783)	560	136	1,294.8	4.69	✓
Red	R8 (812)	366	100	931.9	8.61	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-27.55	0.90
Blue	0.00	0.98
Violet	29.35	0.97
YellowGreen	56.25	0.90

FSC Area Scaling Factor: 0.98 Window Extension: 3

Temperature: 25.8 °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)