

## Daily QC Report

<b>QC Status:</b> PASSED	<b>Date:</b> March 20, 2023 - 10:49 AM
<b>Cytometer Name:</b> Aurora CS	<b>User:</b> Admin
<b>Serial Number:</b> S0144	<b>Nozzle Size:</b> 100 µm
<b>Configuration:</b> 4-Laser-V16-B14-R8-YG10	<b>Sheath Pressure:</b> 25 PSI
<b>Software:</b> SpectroFloCS 1.0.5	

**QC Beads**  
**Lot ID:** 2004      **Expiration Date:** December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	340	32	1,956.5	2.58	✓
Violet	SSC	247	32	1,990.9	4.32	✓
Blue	SSC-B	329	63	1,999.8	2.85	✓
Violet	V1 (428)	216	28	463.4	2.06	✓
Violet	V2 (443)	263	32	1,097.4	2.05	✓
Violet	V3 (458)	247	33	1,284.5	2.09	✓
Violet	V4 (473)	177	22	1,306.2	2.14	✓
Violet	V5 (508)	209	28	1,245.5	2.24	✓
Violet	V6 (525)	209	27	904.6	2.25	✓
Violet	V7 (542)	269	34	998.0	2.53	✓
Violet	V8 (581)	442	55	814.7	2.80	✓
Violet	V9 (598)	364	50	943.0	3.23	✓
Violet	V10 (615)	392	50	1,548.9	3.81	✓
Violet	V11 (664)	324	36	715.1	3.25	✓
Violet	V12 (692)	265	25	366.0	3.25	✓
Violet	V13 (720)	262	30	284.4	3.61	✓
Violet	V14 (750)	414	48	311.3	4.49	✓
Violet	V15 (780)	560	73	296.0	5.44	✓
Violet	V16 (812)	428	63	164.4	6.38	✓
Blue	B1 (508)	806	124	128.4	2.74	✓
Blue	B2 (525)	436	71	123.0	2.40	✓
Blue	B3 (542)	410	55	227.7	2.36	✓
Blue	B4 (581)	394	59	360.4	2.21	✓
Blue	B5 (598)	308	49	515.1	2.73	✓
Blue	B6 (615)	276	45	641.7	3.26	✓
Blue	B7 (661)	580	83	442.6	2.96	✓
Blue	B8 (679)	490	69	340.7	2.97	✓
Blue	B9 (697)	635	86	290.9	2.79	✓
Blue	B10 (717)	510	68	158.6	2.85	✓
Blue	B11 (738)	366	53	121.1	3.16	✓
Blue	B12 (760)	515	82	130.4	3.65	✓
Blue	B13 (783)	625	103	105.9	4.02	✓
Blue	B14 (812)	771	133	129.2	4.11	✓
YellowGreen	YG1 (577)	476	66	476.4	2.13	✓
YellowGreen	YG2 (598)	474	76	1,300.7	3.44	✓
YellowGreen	YG3 (615)	376	63	2,033.4	3.57	✓
YellowGreen	YG4 (661)	731	105	1,144.6	3.05	✓
YellowGreen	YG5 (679)	588	88	833.1	2.72	✓
YellowGreen	YG6 (697)	724	98	555.1	2.70	✓
YellowGreen	YG7 (720)	450	68	575.7	3.03	✓
YellowGreen	YG8 (750)	455	68	327.3	3.77	✓
YellowGreen	YG9 (780)	636	109	260.0	4.57	✓
YellowGreen	YG10 (812)	711	145	152.3	5.28	✓
Red	R1 (661)	361	28	388.3	2.41	✓
Red	R2 (679)	283	18	615.7	2.09	✓
Red	R3 (697)	383	27	510.1	2.02	✓
Red	R4 (717)	399	35	388.1	1.96	✓
Red	R5 (738)	309	35	403.6	2.40	✓
Red	R6 (760)	346	45	372.0	2.93	✓
Red	R7 (783)	478	68	385.8	3.59	✓
Red	R8 (812)	326	49	203.6	4.59	✓

### Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-26.10	0.98
Blue	0.00	1.11
Violet	24.58	1.08
YellowGreen	50.10	1.01

FSC Area Scaling Factor: 1.13      Window Extension: 3

Temperature: 24.8 °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)