

## Daily QC Report

<b>QC Status:</b> PASSED	<b>Date:</b> December 05, 2022 - 12:02 PM
<b>Cytometer Name:</b> Aurora CS	<b>User:</b> Talman
<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:** 2003      **Expiration Date:** December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	335	37	1,974.5	4.08	✓
Violet	SSC	248	43	2,002.6	7.03	✓
Blue	SSC-B	310	63	2,006.1	1.88	✓
Violet	V1 (428)	207	39	441.8	4.35	✓
Violet	V2 (443)	256	46	1,055.7	4.30	✓
Violet	V3 (458)	237	45	1,235.7	4.38	✓
Violet	V4 (473)	171	30	1,277.8	4.51	✓
Violet	V5 (508)	201	33	1,228.5	4.64	✓
Violet	V6 (525)	203	33	899.8	4.67	✓
Violet	V7 (542)	260	43	984.5	5.11	✓
Violet	V8 (581)	436	80	803.4	5.60	✓
Violet	V9 (598)	358	71	902.7	5.61	✓
Violet	V10 (615)	388	81	1,450.7	5.97	✓
Violet	V11 (664)	321	71	682.0	5.88	✓
Violet	V12 (692)	276	65	402.9	6.04	✓
Violet	V13 (720)	281	73	361.1	6.55	✓
Violet	V14 (750)	428	123	348.4	6.88	✓
Violet	V15 (780)	532	165	298.0	7.44	✓
Violet	V16 (812)	383	135	150.0	8.21	✓
Blue	B1 (508)	768	137	133.4	2.80	✓
Blue	B2 (525)	408	67	134.9	2.66	✓
Blue	B3 (542)	401	61	246.4	2.51	✓
Blue	B4 (581)	378	55	360.4	2.13	✓
Blue	B5 (598)	299	52	507.4	1.85	✓
Blue	B6 (615)	265	45	610.4	1.88	✓
Blue	B7 (661)	573	103	440.0	1.86	✓
Blue	B8 (679)	500	86	350.9	1.88	✓
Blue	B9 (697)	675	129	341.7	2.11	✓
Blue	B10 (717)	537	116	201.3	2.48	✓
Blue	B11 (738)	373	87	142.0	2.55	✓
Blue	B12 (760)	497	124	141.5	3.02	✓
Blue	B13 (783)	589	171	112.5	3.27	✓
Blue	B14 (812)	685	196	123.1	3.76	✓
YellowGreen	YG1 (577)	467	77	458.3	2.32	✓
YellowGreen	YG2 (598)	459	103	1,227.6	2.91	✓
YellowGreen	YG3 (615)	356	83	1,851.6	3.06	✓
YellowGreen	YG4 (661)	712	167	1,092.0	3.06	✓
YellowGreen	YG5 (679)	584	133	830.6	3.03	✓
YellowGreen	YG6 (697)	747	185	635.6	3.37	✓
YellowGreen	YG7 (720)	469	130	720.4	3.80	✓
YellowGreen	YG8 (750)	444	134	378.0	4.23	✓
YellowGreen	YG9 (780)	587	192	290.5	4.83	✓
YellowGreen	YG10 (812)	615	219	156.9	5.29	✓
Red	R1 (661)	378	30	386.8	2.17	✓
Red	R2 (679)	328	27	679.0	2.31	✓
Red	R3 (697)	478	83	762.9	2.67	✓
Red	R4 (717)	473	107	674.4	3.43	✓
Red	R5 (738)	334	82	572.2	3.62	✓
Red	R6 (760)	352	95	482.3	4.08	✓
Red	R7 (783)	462	136	488.2	4.57	✓
Red	R8 (812)	300	99	235.8	5.72	✓

### Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-26.00	0.98
Blue	0.00	1.10
Violet	24.58	1.06
YellowGreen	49.83	1.01

FSC Area Scaling Factor: 1.12      Window Extension: 3

Temperature: 27.6 °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)