

### Daily QC Report

<b>QC Status:</b> PASSED	<b>Date:</b> November 28, 2022 - 11:21 AM
<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	
<b>QC Beads</b>	
<b>Lot ID:</b> 2003	<b>Expiration Date:</b> December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	343	45	1,909.7	4.34	✓
Violet	SSC	239	34	1,977.6	4.63	✓
Blue	SSC-B	308	61	1,988.6	2.62	✓
Violet	V1 (428)	200	32	442.0	1.66	✓
Violet	V2 (443)	246	36	1,052.1	1.69	✓
Violet	V3 (458)	229	37	1,245.9	1.61	✓
Violet	V4 (473)	166	25	1,284.0	1.56	✓
Violet	V5 (508)	194	26	1,232.0	1.58	✓
Violet	V6 (525)	195	25	902.7	1.61	✓
Violet	V7 (542)	251	34	987.3	1.77	✓
Violet	V8 (581)	416	60	816.3	1.94	✓
Violet	V9 (598)	335	48	898.2	2.36	✓
Violet	V10 (615)	361	54	1,439.1	3.02	✓
Violet	V11 (664)	313	63	693.8	2.77	✓
Violet	V12 (692)	270	59	413.8	3.18	✓
Violet	V13 (720)	273	65	368.8	3.83	✓
Violet	V14 (750)	404	99	348.6	4.32	✓
Violet	V15 (780)	513	146	302.9	4.82	✓
Violet	V16 (812)	369	121	150.4	5.23	✓
Blue	B1 (508)	753	122	132.7	2.23	✓
Blue	B2 (525)	402	61	135.3	2.05	✓
Blue	B3 (542)	391	51	246.6	1.85	✓
Blue	B4 (581)	365	42	358.8	1.58	✓
Blue	B5 (598)	284	37	497.7	2.21	✓
Blue	B6 (615)	256	36	608.7	2.74	✓
Blue	B7 (661)	551	81	426.0	2.57	✓
Blue	B8 (679)	487	73	346.9	2.71	✓
Blue	B9 (697)	656	110	332.7	3.01	✓
Blue	B10 (717)	529	108	199.9	3.45	✓
Blue	B11 (738)	368	82	141.0	3.58	✓
Blue	B12 (760)	487	114	140.9	4.04	✓
Blue	B13 (783)	581	163	111.6	4.22	✓
Blue	B14 (812)	684	195	124.1	4.39	✓
YellowGreen	YG1 (577)	450	60	467.9	1.75	✓
YellowGreen	YG2 (598)	432	76	1,200.2	3.00	✓
YellowGreen	YG3 (615)	343	70	1,854.3	3.28	✓
YellowGreen	YG4 (661)	687	142	1,078.0	3.26	✓
YellowGreen	YG5 (679)	569	118	833.3	3.24	✓
YellowGreen	YG6 (697)	745	183	644.2	3.70	✓
YellowGreen	YG7 (720)	462	123	718.8	4.22	✓
YellowGreen	YG8 (750)	441	131	381.0	4.57	✓
YellowGreen	YG9 (780)	585	190	291.3	5.20	✓
YellowGreen	YG10 (812)	616	220	158.0	5.59	✓
Red	R1 (661)	391	43	397.2	2.20	✓
Red	R2 (679)	331	30	690.5	2.33	✓
Red	R3 (697)	475	80	764.0	2.84	✓
Red	R4 (717)	476	110	672.2	3.71	✓
Red	R5 (738)	336	84	574.4	3.79	✓
Red	R6 (760)	350	93	481.1	4.07	✓
Red	R7 (783)	458	132	487.8	4.41	✓
Red	R8 (812)	297	96	237.5	5.00	✓

**Laser Settings**

Laser	Laser Delay	Area Scaling Factor
Red	-26.00	0.99
Blue	0.00	1.11
Violet	24.45	1.08
YellowGreen	49.73	1.01

FSC Area Scaling Factor: 1.13      Window Extension: 3

Temperature: 25.4 °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)