

## Daily QC Report

<b>QC Status:</b> PASSED	<b>Date:</b> November 20, 2023 - 11:30 AM
<b>Cytometer Name:</b> Aurora	<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> 15 PSI
<b>Software:</b> 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	338	-11	2,056.1	2.43	✓
Violet	SSC	380	44	1,982.7	5.00	✓
Blue	SSC-B	414	28	1,995.1	6.26	✓
Violet	V1 (428)	250	15	465.8	3.35	✓
Violet	V2 (443)	309	18	1,078.8	3.39	✓
Violet	V3 (458)	292	15	1,231.3	3.37	✓
Violet	V4 (473)	209	10	1,202.5	3.01	✓
Violet	V5 (508)	243	8	1,125.8	2.71	✓
Violet	V6 (525)	239	5	828.5	2.62	✓
Violet	V7 (542)	310	9	962.6	2.35	✓
Violet	V8 (581)	508	-7	1,023.0	2.28	✓
Violet	V9 (598)	409	2	1,239.0	2.05	✓
Violet	V10 (615)	430	-1	2,105.5	2.34	✓
Violet	V11 (664)	340	-9	1,009.1	2.26	✓
Violet	V12 (692)	279	-10	506.3	2.62	✓
Violet	V13 (720)	271	16	497.7	2.76	✓
Violet	V14 (750)	446	86	1,216.6	5.15	✓
Violet	V15 (780)	621	154	1,741.0	7.07	✓
Violet	V16 (812)	530	193	1,321.3	9.01	✓
Blue	B1 (508)	993	35	141.7	2.15	✓
Blue	B2 (525)	528	14	133.4	2.02	✓
Blue	B3 (542)	496	-2	280.8	2.21	✓
Blue	B4 (581)	464	-12	488.0	1.86	✓
Blue	B5 (598)	355	-3	699.4	1.32	✓
Blue	B6 (615)	307	2	878.8	1.48	✓
Blue	B7 (661)	616	-20	627.7	1.38	✓
Blue	B8 (679)	520	-22	469.3	1.60	✓
Blue	B9 (697)	677	-20	400.3	1.67	✓
Blue	B10 (717)	572	15	251.8	1.50	✓
Blue	B11 (738)	424	64	341.5	2.49	✓
Blue	B12 (760)	587	123	573.8	3.86	✓
Blue	B13 (783)	749	201	604.7	4.57	✓
Blue	B14 (812)	992	349	966.5	6.51	✓
YellowGreen	YG1 (577)	592	18	591.8	4.12	✓
YellowGreen	YG2 (598)	587	48	1,401.3	3.64	✓
YellowGreen	YG3 (615)	449	36	2,159.9	3.39	✓
YellowGreen	YG4 (661)	811	56	1,242.9	3.41	✓
YellowGreen	YG5 (679)	650	31	886.0	3.21	✓
YellowGreen	YG6 (697)	785	25	574.6	3.42	✓
YellowGreen	YG7 (720)	486	45	687.4	3.58	✓
YellowGreen	YG8 (750)	503	111	803.9	4.17	✓
YellowGreen	YG9 (780)	727	214	1,034.7	5.46	✓
YellowGreen	YG10 (812)	852	322	879.3	7.69	✓
Red	R1 (661)	331	-53	388.7	2.90	✓
Red	R2 (679)	280	-64	529.6	3.18	✓
Red	R3 (697)	375	-78	420.6	3.20	✓
Red	R4 (717)	393	-30	360.7	2.77	✓
Red	R5 (738)	324	31	646.9	3.28	✓
Red	R6 (760)	395	71	917.2	5.45	✓
Red	R7 (783)	566	142	1,251.6	6.94	✓
Red	R8 (812)	421	155	883.6	11.44	✓

### Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-31.43	0.83
Blue	0.00	0.95
Violet	33.58	0.91
YellowGreen	64.22	0.86

FSC Area Scaling Factor: 0.98      Window Extension: 3

Temperature: 24.6 °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)