

### Daily QC Report

<b>QC Status:</b> PASSED	<b>Date:</b> August 07, 2023 - 11:04 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	317	-32	2,028.7	2.55	✔
Violet	SSC	339	3	1,975.9	5.42	✔
Blue	SSC-B	365	-21	1,936.0	3.88	✔
Violet	V1 (428)	227	-8	468.2	2.21	✔
Violet	V2 (443)	280	-11	1,078.4	2.23	✔
Violet	V3 (458)	265	-12	1,216.5	2.25	✔
Violet	V4 (473)	191	-8	1,200.2	2.17	✔
Violet	V5 (508)	223	-12	1,110.8	2.10	✔
Violet	V6 (525)	223	-11	827.2	2.11	✔
Violet	V7 (542)	289	-12	960.4	2.08	✔
Violet	V8 (581)	480	-35	1,016.0	2.33	✔
Violet	V9 (598)	370	-37	1,213.3	2.40	✔
Violet	V10 (615)	395	-36	2,123.1	2.51	✔
Violet	V11 (664)	336	-13	1,004.3	2.64	✔
Violet	V12 (692)	283	-6	505.9	2.77	✔
Violet	V13 (720)	251	-4	493.0	2.71	✔
Violet	V14 (750)	353	-7	1,225.5	2.95	✔
Violet	V15 (780)	461	-6	1,798.5	3.62	✔
Violet	V16 (812)	333	-4	1,334.3	4.78	✔
Blue	B1 (508)	919	-39	144.4	4.16	✔
Blue	B2 (525)	492	-22	136.0	4.04	✔
Blue	B3 (542)	475	-23	280.8	3.90	✔
Blue	B4 (581)	442	-34	489.3	3.41	✔
Blue	B5 (598)	321	-37	693.0	2.52	✔
Blue	B6 (615)	279	-26	875.7	2.15	✔
Blue	B7 (661)	618	-18	632.1	2.25	✔
Blue	B8 (679)	526	-16	469.4	2.25	✔
Blue	B9 (697)	684	-13	400.7	2.34	✔
Blue	B10 (717)	551	-6	252.0	2.06	✔
Blue	B11 (738)	357	-3	337.2	1.72	✔
Blue	B12 (760)	461	-3	568.7	1.99	✔
Blue	B13 (783)	548	0	599.6	2.32	✔
Blue	B14 (812)	644	1	969.2	3.48	✔
YellowGreen	YG1 (577)	541	-33	590.9	3.37	✔
YellowGreen	YG2 (598)	500	-39	1,429.9	2.85	✔
YellowGreen	YG3 (615)	385	-28	2,213.8	2.56	✔
YellowGreen	YG4 (661)	742	-13	1,255.7	2.56	✔
YellowGreen	YG5 (679)	605	-14	883.3	2.34	✔
YellowGreen	YG6 (697)	760	0	590.5	2.46	✔
YellowGreen	YG7 (720)	439	-2	697.0	2.02	✔
YellowGreen	YG8 (750)	389	-3	806.4	1.85	✔
YellowGreen	YG9 (780)	511	-2	1,037.9	2.54	✔
YellowGreen	YG10 (812)	527	-3	889.4	3.95	✔
Red	R1 (661)	432	48	387.3	2.26	✔
Red	R2 (679)	366	22	536.5	2.16	✔
Red	R3 (697)	493	40	424.6	2.19	✔
Red	R4 (717)	450	27	351.4	2.13	✔
Red	R5 (738)	298	5	646.1	2.73	✔
Red	R6 (760)	328	4	914.7	3.47	✔
Red	R7 (783)	432	8	1,252.4	4.07	✔
Red	R8 (812)	277	11	895.5	6.56	✔

**Laser Settings**

Laser	Laser Delay	Area Scaling Factor
Red	-32.78	0.85
Blue	0.00	0.96
Violet	32.73	0.92
YellowGreen	63.28	0.87

FSC Area Scaling Factor: 0.99      Window Extension: 3

Temperature: 24.1 °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)