

### Daily QC Report

<b>QC Status:</b> PASSED	<b>Date:</b> September 25, 2023 - 11:08 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> 25 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	359	10	1,949.1	1.54	✔
Violet	SSC	406	70	1,998.4	4.95	✔
Blue	SSC-B	446	60	1,992.9	4.86	✔
Violet	V1 (428)	264	29	471.3	2.82	✔
Violet	V2 (443)	320	29	1,074.2	2.87	✔
Violet	V3 (458)	305	28	1,231.4	2.96	✔
Violet	V4 (473)	220	21	1,199.1	2.59	✔
Violet	V5 (508)	261	26	1,139.8	2.32	✔
Violet	V6 (525)	258	24	834.5	2.23	✔
Violet	V7 (542)	335	34	960.5	1.89	✔
Violet	V8 (581)	552	37	1,024.6	1.74	✔
Violet	V9 (598)	434	27	1,233.7	1.87	✔
Violet	V10 (615)	453	22	2,102.3	2.05	✔
Violet	V11 (664)	384	35	1,017.9	2.05	✔
Violet	V12 (692)	321	32	508.9	2.24	✔
Violet	V13 (720)	287	32	498.0	2.34	✔
Violet	V14 (750)	407	47	1,247.2	3.15	✔
Violet	V15 (780)	528	61	1,796.2	4.42	✔
Violet	V16 (812)	385	48	1,350.8	6.14	✔
Blue	B1 (508)	1,099	141	145.8	2.67	✔
Blue	B2 (525)	576	62	133.3	2.48	✔
Blue	B3 (542)	558	60	278.1	2.40	✔
Blue	B4 (581)	528	52	493.3	2.52	✔
Blue	B5 (598)	390	32	706.6	2.70	✔
Blue	B6 (615)	331	26	870.5	2.79	✔
Blue	B7 (661)	723	87	631.6	2.68	✔
Blue	B8 (679)	615	73	474.7	2.68	✔
Blue	B9 (697)	797	100	394.3	2.55	✔
Blue	B10 (717)	646	89	253.6	2.40	✔
Blue	B11 (738)	418	58	343.4	2.43	✔
Blue	B12 (760)	545	81	581.8	2.84	✔
Blue	B13 (783)	649	101	613.4	3.19	✔
Blue	B14 (812)	768	125	998.9	4.41	✔
YellowGreen	YG1 (577)	648	74	598.8	3.68	✔
YellowGreen	YG2 (598)	595	56	1,415.2	3.31	✔
YellowGreen	YG3 (615)	456	43	2,211.7	2.98	✔
YellowGreen	YG4 (661)	866	111	1,251.4	2.95	✔
YellowGreen	YG5 (679)	705	86	884.5	2.80	✔
YellowGreen	YG6 (697)	871	111	574.8	2.92	✔
YellowGreen	YG7 (720)	509	68	694.6	2.75	✔
YellowGreen	YG8 (750)	454	62	817.6	2.41	✔
YellowGreen	YG9 (780)	595	82	1,047.9	3.00	✔
YellowGreen	YG10 (812)	625	95	906.9	4.75	✔
Red	R1 (661)	441	57	383.3	2.08	✔
Red	R2 (679)	387	43	532.2	2.06	✔
Red	R3 (697)	521	68	418.1	2.19	✔
Red	R4 (717)	488	65	362.8	2.30	✔
Red	R5 (738)	334	41	650.7	3.03	✔
Red	R6 (760)	377	53	935.8	4.54	✔
Red	R7 (783)	506	82	1,275.4	5.84	✔
Red	R8 (812)	343	77	918.5	10.34	✔

**Laser Settings**

Laser	Laser Delay	Area Scaling Factor
Red	-24.05	0.98
Blue	0.00	1.10
Violet	25.40	1.05
YellowGreen	48.93	1.00

FSC Area Scaling Factor: 1.11      Window Extension: 3

Temperature: 25 °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)