

Daily QC Report

QC Status:	PASSED	Date:	October 02, 2023 - 10:53 AM
Cytometer Name:	Aurora	User:	Admin
Serial Number:	S0144	Nozzle Size:	100 µm
Configuration:	4-Laser-V16-B14-R8-YG10	Sheath Pressure:	15 PSI
Software:	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	314	-35	2,030.5	2.14	✔
Violet	SSC	362	26	1,981.4	4.23	✔
Blue	SSC-B	376	-10	1,971.0	5.59	✔
Violet	V1 (428)	241	6	464.3	2.71	✔
Violet	V2 (443)	294	3	1,072.7	2.74	✔
Violet	V3 (458)	280	3	1,217.5	2.74	✔
Violet	V4 (473)	201	2	1,199.5	2.49	✔
Violet	V5 (508)	236	1	1,125.8	2.29	✔
Violet	V6 (525)	234	0	825.3	2.24	✔
Violet	V7 (542)	304	3	953.3	2.13	✔
Violet	V8 (581)	508	-7	1,022.2	2.37	✔
Violet	V9 (598)	394	-13	1,230.5	2.51	✔
Violet	V10 (615)	414	-17	2,116.0	2.71	✔
Violet	V11 (664)	343	-6	1,001.2	3.10	✔
Violet	V12 (692)	290	1	504.1	3.40	✔
Violet	V13 (720)	263	8	498.9	2.91	✔
Violet	V14 (750)	381	21	1,249.7	3.75	✔
Violet	V15 (780)	511	44	1,823.5	5.37	✔
Violet	V16 (812)	393	56	1,373.4	8.04	✔
Blue	B1 (508)	946	-12	142.7	2.60	✔
Blue	B2 (525)	507	-7	135.1	2.52	✔
Blue	B3 (542)	483	-15	278.4	2.63	✔
Blue	B4 (581)	449	-27	485.3	2.55	✔
Blue	B5 (598)	330	-28	686.4	2.17	✔
Blue	B6 (615)	286	-19	876.1	2.08	✔
Blue	B7 (661)	608	-28	626.0	2.27	✔
Blue	B8 (679)	510	-32	459.8	2.45	✔
Blue	B9 (697)	673	-24	396.4	2.30	✔
Blue	B10 (717)	559	2	255.6	1.78	✔
Blue	B11 (738)	371	11	345.3	2.15	✔
Blue	B12 (760)	491	27	588.2	2.97	✔
Blue	B13 (783)	596	48	623.3	3.74	✔
Blue	B14 (812)	743	100	1,016.1	6.03	✔
YellowGreen	YG1 (577)	563	-11	590.6	3.17	✔
YellowGreen	YG2 (598)	519	-20	1,394.6	2.64	✔
YellowGreen	YG3 (615)	395	-18	2,177.1	2.39	✔
YellowGreen	YG4 (661)	754	-1	1,251.2	2.57	✔
YellowGreen	YG5 (679)	613	-6	882.5	2.46	✔
YellowGreen	YG6 (697)	767	7	584.0	2.70	✔
YellowGreen	YG7 (720)	449	8	695.0	2.39	✔
YellowGreen	YG8 (750)	414	22	821.8	2.92	✔
YellowGreen	YG9 (780)	564	51	1,069.7	4.18	✔
YellowGreen	YG10 (812)	617	87	927.2	6.37	✔
Red	R1 (661)	387	3	382.9	2.57	✔
Red	R2 (679)	329	-15	515.8	2.79	✔
Red	R3 (697)	440	-13	411.3	2.82	✔
Red	R4 (717)	431	8	357.2	2.94	✔
Red	R5 (738)	307	14	657.0	4.39	✔
Red	R6 (760)	356	32	949.5	6.83	✔
Red	R7 (783)	488	64	1,285.5	8.23	✔
Red	R8 (812)	344	78	932.3	12.22	✔

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-31.25	0.85
Blue	0.00	0.97
Violet	33.20	0.93
YellowGreen	63.73	0.87

FSC Area Scaling Factor: 1.00 Window Extension: 3

Temperature: 22.9 °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)