

Daily QC Report

QC Status:	PASSED	Date:	November 07, 2022 - 10:38 AM
Cytometer Name:	Aurora CS	User:	Admin
Serial Number:	S0144	Nozzle Size:	100 µm
Configuration:	4-Laser-V16-B14-R8-YG10	Sheath Pressure:	25 PSI
Software:	SpectroFloCS 1.0.5		

QC Beads
 Lot ID: 2003 Expiration Date: December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	333	35	1,980.1	4.49	✔
Violet	SSC	238	33	1,984.2	5.56	✔
Blue	SSC-B	296	49	2,005.7	3.30	✔
Violet	V1 (428)	196	28	444.2	1.59	✔
Violet	V2 (443)	243	33	1,053.8	1.66	✔
Violet	V3 (458)	224	32	1,253.5	1.56	✔
Violet	V4 (473)	162	21	1,283.9	1.47	✔
Violet	V5 (508)	190	22	1,234.8	1.51	✔
Violet	V6 (525)	191	21	911.4	1.52	✔
Violet	V7 (542)	244	27	987.9	1.63	✔
Violet	V8 (581)	396	40	807.3	1.68	✔
Violet	V9 (598)	323	36	899.6	2.19	✔
Violet	V10 (615)	356	49	1,485.8	2.81	✔
Violet	V11 (664)	305	55	707.4	2.50	✔
Violet	V12 (692)	261	50	417.1	2.85	✔
Violet	V13 (720)	269	61	377.7	3.41	✔
Violet	V14 (750)	401	96	357.7	3.82	✔
Violet	V15 (780)	516	149	316.2	4.38	✔
Violet	V16 (812)	366	118	156.4	4.79	✔
Blue	B1 (508)	734	103	134.5	2.64	✔
Blue	B2 (525)	389	48	136.3	2.45	✔
Blue	B3 (542)	378	38	244.3	2.25	✔
Blue	B4 (581)	355	32	363.0	1.86	✔
Blue	B5 (598)	278	31	511.1	2.39	✔
Blue	B6 (615)	253	33	622.1	2.84	✔
Blue	B7 (661)	547	77	439.1	2.71	✔
Blue	B8 (679)	476	62	352.8	2.86	✔
Blue	B9 (697)	654	108	342.8	3.10	✔
Blue	B10 (717)	526	105	205.9	3.47	✔
Blue	B11 (738)	368	82	145.5	3.63	✔
Blue	B12 (760)	492	119	146.8	4.10	✔
Blue	B13 (783)	585	167	115.6	4.31	✔
Blue	B14 (812)	686	197	128.1	4.36	✔
YellowGreen	YG1 (577)	425	35	459.6	1.96	✔
YellowGreen	YG2 (598)	421	65	1,236.4	3.35	✔
YellowGreen	YG3 (615)	339	66	1,929.7	3.56	✔
YellowGreen	YG4 (661)	673	128	1,108.0	3.45	✔
YellowGreen	YG5 (679)	561	110	859.6	3.49	✔
YellowGreen	YG6 (697)	737	175	657.6	3.86	✔
YellowGreen	YG7 (720)	459	120	748.0	4.29	✔
YellowGreen	YG8 (750)	442	132	400.7	4.62	✔
YellowGreen	YG9 (780)	585	190	305.7	5.14	✔
YellowGreen	YG10 (812)	613	217	164.6	5.63	✔
Red	R1 (661)	391	43	392.8	2.37	✔
Red	R2 (679)	328	27	686.6	2.60	✔
Red	R3 (697)	477	82	774.3	3.11	✔
Red	R4 (717)	482	116	693.5	3.63	✔
Red	R5 (738)	341	89	595.0	3.66	✔
Red	R6 (760)	355	98	500.1	4.00	✔
Red	R7 (783)	464	138	504.3	4.18	✔
Red	R8 (812)	300	99	245.9	4.66	✔

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-26.00	0.99
Blue	0.00	1.12
Violet	24.40	1.08
YellowGreen	49.68	1.02

FSC Area Scaling Factor: 1.14 Window Extension: 3

Temperature: 24.5 °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)