

Daily QC Report

QC Status:	PASSED	Date:	October 24, 2022 - 11:27 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	338	40	1,958.4	3.11	✔
Violet	SSC	243	38	1,984.6	4.77	✔
Blue	SSC-B	296	49	1,998.4	2.91	✔
Violet	V1 (428)	197	29	441.8	1.34	✔
Violet	V2 (443)	243	33	1,049.9	1.41	✔
Violet	V3 (458)	223	31	1,237.0	1.30	✔
Violet	V4 (473)	161	20	1,270.5	1.28	✔
Violet	V5 (508)	190	22	1,228.1	1.32	✔
Violet	V6 (525)	190	20	901.6	1.36	✔
Violet	V7 (542)	244	27	984.3	1.40	✔
Violet	V8 (581)	397	41	808.1	1.19	✔
Violet	V9 (598)	322	35	903.9	1.98	✔
Violet	V10 (615)	360	53	1,504.4	3.16	✔
Violet	V11 (664)	299	49	694.5	2.52	✔
Violet	V12 (692)	262	51	421.3	3.23	✔
Violet	V13 (720)	270	62	377.7	4.10	✔
Violet	V14 (750)	400	95	358.2	4.76	✔
Violet	V15 (780)	515	148	312.4	5.44	✔
Violet	V16 (812)	375	127	157.5	5.70	✔
Blue	B1 (508)	740	109	132.2	3.65	✔
Blue	B2 (525)	392	51	134.1	3.51	✔
Blue	B3 (542)	375	35	240.7	3.49	✔
Blue	B4 (581)	353	30	359.5	2.87	✔
Blue	B5 (598)	279	32	514.3	2.44	✔
Blue	B6 (615)	254	34	624.3	2.89	✔
Blue	B7 (661)	547	77	441.3	2.53	✔
Blue	B8 (679)	474	60	348.7	2.55	✔
Blue	B9 (697)	661	115	349.4	3.07	✔
Blue	B10 (717)	532	111	203.8	3.64	✔
Blue	B11 (738)	376	90	147.7	3.90	✔
Blue	B12 (760)	496	123	145.8	4.68	✔
Blue	B13 (783)	598	180	116.2	5.03	✔
Blue	B14 (812)	701	212	129.2	5.24	✔
YellowGreen	YG1 (577)	418	28	462.9	1.56	✔
YellowGreen	YG2 (598)	419	63	1,254.1	4.18	✔
YellowGreen	YG3 (615)	339	66	1,947.2	4.89	✔
YellowGreen	YG4 (661)	681	136	1,137.3	4.52	✔
YellowGreen	YG5 (679)	553	102	851.4	4.62	✔
YellowGreen	YG6 (697)	746	184	669.6	5.22	✔
YellowGreen	YG7 (720)	469	130	759.1	5.91	✔
YellowGreen	YG8 (750)	449	139	402.0	6.47	✔
YellowGreen	YG9 (780)	598	203	307.9	7.40	✔
YellowGreen	YG10 (812)	635	239	167.4	7.71	✔
Red	R1 (661)	380	32	391.6	2.36	✔
Red	R2 (679)	319	18	682.4	2.69	✔
Red	R3 (697)	475	80	782.5	4.08	✔
Red	R4 (717)	489	123	703.6	5.61	✔
Red	R5 (738)	342	90	592.0	5.75	✔
Red	R6 (760)	361	104	504.7	6.33	✔
Red	R7 (783)	478	152	512.2	6.86	✔
Red	R8 (812)	312	111	249.7	7.39	✔

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-25.75	0.99
Blue	0.00	1.11
Violet	24.38	1.09
YellowGreen	49.45	1.03

FSC Area Scaling Factor: 1.13 Window Extension: 3

Temperature: 20.9 °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)