

Daily QC Report

QC Status:	PASSED	Date:	October 17, 2022 - 11:57 AM
Cytometer Name:	Aurora CS	User:	Admin
Serial Number:	S0144	Nozzle Size:	70 µm
Configuration:	4-Laser-V16-B14-R8-YG10	Sheath Pressure:	68 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	357	59	2,069.1	4.64	✔
Violet	SSC	218	13	1,998.6	4.28	✔
Blue	SSC-B	269	22	2,001.2	2.86	✔
Violet	V1 (428)	181	13	445.2	1.18	✔
Violet	V2 (443)	223	13	1,047.0	1.28	✔
Violet	V3 (458)	205	13	1,236.0	1.11	✔
Violet	V4 (473)	149	8	1,277.1	1.03	✔
Violet	V5 (508)	175	7	1,235.3	1.05	✔
Violet	V6 (525)	175	5	898.0	1.11	✔
Violet	V7 (542)	226	9	988.1	0.99	✔
Violet	V8 (581)	372	16	800.1	0.92	✔
Violet	V9 (598)	319	32	901.4	1.10	✔
Violet	V10 (615)	358	51	1,489.3	1.31	✔
Violet	V11 (664)	292	42	703.7	1.31	✔
Violet	V12 (692)	249	38	418.3	1.47	✔
Violet	V13 (720)	258	50	370.2	1.64	✔
Violet	V14 (750)	379	74	352.2	1.94	✔
Violet	V15 (780)	487	120	311.3	2.46	✔
Violet	V16 (812)	348	100	153.0	2.94	✔
Blue	B1 (508)	688	57	134.1	3.64	✔
Blue	B2 (525)	364	23	135.9	3.45	✔
Blue	B3 (542)	349	9	244.6	3.23	✔
Blue	B4 (581)	332	9	359.7	2.91	✔
Blue	B5 (598)	282	35	514.7	2.55	✔
Blue	B6 (615)	257	37	620.8	2.25	✔
Blue	B7 (661)	521	51	433.2	2.28	✔
Blue	B8 (679)	459	45	350.3	2.24	✔
Blue	B9 (697)	631	85	340.5	2.23	✔
Blue	B10 (717)	511	90	203.2	2.37	✔
Blue	B11 (738)	352	66	143.1	2.32	✔
Blue	B12 (760)	467	94	143.8	2.63	✔
Blue	B13 (783)	550	132	113.2	2.70	✔
Blue	B14 (812)	645	156	125.6	3.19	✔
YellowGreen	YG1 (577)	413	23	461.6	2.08	✔
YellowGreen	YG2 (598)	438	82	1,243.5	2.30	✔
YellowGreen	YG3 (615)	346	73	1,894.9	2.22	✔
YellowGreen	YG4 (661)	685	140	1,113.2	2.20	✔
YellowGreen	YG5 (679)	554	103	841.3	2.16	✔
YellowGreen	YG6 (697)	745	183	662.9	2.28	✔
YellowGreen	YG7 (720)	464	125	740.9	2.43	✔
YellowGreen	YG8 (750)	446	136	391.9	2.69	✔
YellowGreen	YG9 (780)	592	197	299.7	2.99	✔
YellowGreen	YG10 (812)	625	229	161.6	3.51	✔
Red	R1 (661)	325	-23	385.5	2.17	✔
Red	R2 (679)	290	-11	688.4	2.29	✔
Red	R3 (697)	440	45	773.0	2.38	✔
Red	R4 (717)	466	100	693.2	2.37	✔
Red	R5 (738)	328	76	585.8	2.33	✔
Red	R6 (760)	346	89	490.7	2.62	✔
Red	R7 (783)	458	132	499.3	2.62	✔
Red	R8 (812)	297	96	242.5	3.17	✔

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-29.98	0.92
Blue	0.00	1.03
Violet	28.15	1.01
YellowGreen	57.45	0.94

FSC Area Scaling Factor: 1.06 Window Extension: 3

Temperature: 19.6 °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)