

Daily QC Report

QC Status: FAILED	Date: May 10, 2023 - 11:35 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: 2005 **Expiration Date:** December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	311	-20	1,970.0	3.35	✓
Violet	SSC	355	3	2,015.5	7.44	✓
Blue	SSC-B	359	-23	1,971.1	2.77	✓
Violet	V1 (428)	231	19	463.1	11.80	✓
Violet	V2 (443)	283	21	1,064.8	11.67	✓
Violet	V3 (458)	268	20	1,229.6	11.79	✗
Violet	V4 (473)	191	12	1,192.2	12.15	✓
Violet	V5 (508)	226	13	1,127.1	12.46	✓
Violet	V6 (525)	227	12	834.3	12.65	✓
Violet	V7 (542)	280	9	952.1	12.96	✓
Violet	V8 (581)	460	9	1,024.7	12.93	✓
Violet	V9 (598)	377	22	1,230.2	12.22	✓
Violet	V10 (615)	406	28	2,126.1	11.47	✓
Violet	V11 (664)	308	-11	1,012.2	12.08	✓
Violet	V12 (692)	249	-19	513.7	12.49	✓
Violet	V13 (720)	257	16	495.4	11.98	✓
Violet	V14 (750)	462	115	1,190.6	13.06	✓
Violet	V15 (780)	703	253	1,749.0	14.71	✓
Violet	V16 (812)	628	300	1,285.8	16.55	✓
Blue	B1 (508)	845	-30	146.0	2.64	✓
Blue	B2 (525)	440	-21	134.4	2.58	✓
Blue	B3 (542)	400	-45	281.0	2.64	✓
Blue	B4 (581)	371	-45	487.8	2.45	✓
Blue	B5 (598)	287	-19	694.7	1.75	✓
Blue	B6 (615)	253	-13	883.6	1.64	✓
Blue	B7 (661)	496	-87	630.4	1.55	✓
Blue	B8 (679)	407	-85	466.9	1.75	✓
Blue	B9 (697)	532	-116	395.3	1.86	✓
Blue	B10 (717)	462	-57	254.3	1.75	✓
Blue	B11 (738)	361	24	338.1	3.49	✓
Blue	B12 (760)	525	87	566.5	5.39	✓
Blue	B13 (783)	697	186	597.3	6.52	✓
Blue	B14 (812)	979	388	954.6	8.59	✓
YellowGreen	YG1 (577)	441	-40	601.9	1.90	✓
YellowGreen	YG2 (598)	438	-1	1,421.5	2.02	✓
YellowGreen	YG3 (615)	340	-5	2,163.5	2.40	✓
YellowGreen	YG4 (661)	608	-69	1,248.9	1.94	✓
YellowGreen	YG5 (679)	486	-64	880.6	1.56	✓
YellowGreen	YG6 (697)	588	-86	576.2	1.84	✓
YellowGreen	YG7 (720)	378	-20	689.7	2.52	✓
YellowGreen	YG8 (750)	439	76	804.2	5.95	✓
YellowGreen	YG9 (780)	681	203	1,017.7	7.88	✓
YellowGreen	YG10 (812)	886	379	895.8	9.72	✓
Red	R1 (661)	284	-131	385.6	3.41	✓
Red	R2 (679)	236	-118	538.5	3.76	✓
Red	R3 (697)	324	-149	431.2	3.63	✓
Red	R4 (717)	336	-93	358.6	2.80	✓
Red	R5 (738)	297	14	648.7	3.50	✓
Red	R6 (760)	379	69	921.0	5.65	✓
Red	R7 (783)	566	161	1,252.0	6.98	✓
Red	R8 (812)	439	186	900.0	9.51	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-26.20	0.98
Blue	0.00	1.11
Violet	24.70	1.07
YellowGreen	50.30	1.02

FSC Area Scaling Factor: 1.13 Window Extension: 3

Temperature: 24.9 °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)