

Daily QC Report

QC Status: PASSED	Date: December 12, 2022 - 11:02 AM
Cytometer Name: Aurora CS	User: Talman
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	342	44	1,953.9	4.50	✓
Violet	SSC	242	37	2,014.2	5.10	✓
Blue	SSC-B	308	61	1,998.8	2.23	✓
Violet	V1 (428)	202	34	452.0	1.66	✓
Violet	V2 (443)	247	37	1,058.8	1.69	✓
Violet	V3 (458)	230	38	1,254.2	1.61	✓
Violet	V4 (473)	165	24	1,285.7	1.54	✓
Violet	V5 (508)	194	26	1,243.8	1.57	✓
Violet	V6 (525)	195	25	912.9	1.59	✓
Violet	V7 (542)	249	32	998.7	1.70	✓
Violet	V8 (581)	414	58	811.7	1.83	✓
Violet	V9 (598)	344	57	906.1	2.47	✓
Violet	V10 (615)	376	69	1,464.6	3.24	✓
Violet	V11 (664)	318	68	692.4	2.99	✓
Violet	V12 (692)	273	62	404.7	3.34	✓
Violet	V13 (720)	286	78	367.6	3.82	✓
Violet	V14 (750)	426	121	345.7	4.30	✓
Violet	V15 (780)	545	178	303.0	4.84	✓
Violet	V16 (812)	392	144	150.6	5.31	✓
Blue	B1 (508)	741	110	135.5	2.65	✓
Blue	B2 (525)	395	54	136.6	2.48	✓
Blue	B3 (542)	382	42	245.3	2.28	✓
Blue	B4 (581)	360	37	358.8	1.86	✓
Blue	B5 (598)	291	44	502.7	2.38	✓
Blue	B6 (615)	266	46	610.8	2.79	✓
Blue	B7 (661)	569	99	437.5	2.55	✓
Blue	B8 (679)	498	84	342.9	2.68	✓
Blue	B9 (697)	686	140	341.7	2.94	✓
Blue	B10 (717)	559	138	202.2	3.29	✓
Blue	B11 (738)	391	105	142.8	3.43	✓
Blue	B12 (760)	518	145	141.4	4.02	✓
Blue	B13 (783)	620	202	111.3	4.30	✓
Blue	B14 (812)	723	234	123.5	4.45	✓
YellowGreen	YG1 (577)	453	63	456.1	2.20	✓
YellowGreen	YG2 (598)	457	101	1,217.9	3.27	✓
YellowGreen	YG3 (615)	369	96	1,864.0	3.56	✓
YellowGreen	YG4 (661)	732	187	1,077.0	3.32	✓
YellowGreen	YG5 (679)	610	159	845.2	3.38	✓
YellowGreen	YG6 (697)	799	237	645.5	3.69	✓
YellowGreen	YG7 (720)	501	162	723.5	4.07	✓
YellowGreen	YG8 (750)	480	170	378.0	4.43	✓
YellowGreen	YG9 (780)	647	252	293.5	5.04	✓
YellowGreen	YG10 (812)	675	279	157.9	5.50	✓
Red	R1 (661)	394	46	393.2	2.55	✓
Red	R2 (679)	331	30	678.2	2.97	✓
Red	R3 (697)	499	104	772.0	3.43	✓
Red	R4 (717)	511	145	676.9	4.08	✓
Red	R5 (738)	357	105	574.8	4.19	✓
Red	R6 (760)	376	119	482.5	4.57	✓
Red	R7 (783)	492	166	483.4	4.89	✓
Red	R8 (812)	320	119	233.8	5.34	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-26.03	0.99
Blue	0.00	1.11
Violet	24.55	1.08
YellowGreen	49.83	1.02

FSC Area Scaling Factor: 1.13 Window Extension: 3

Temperature: 25.9 °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)